

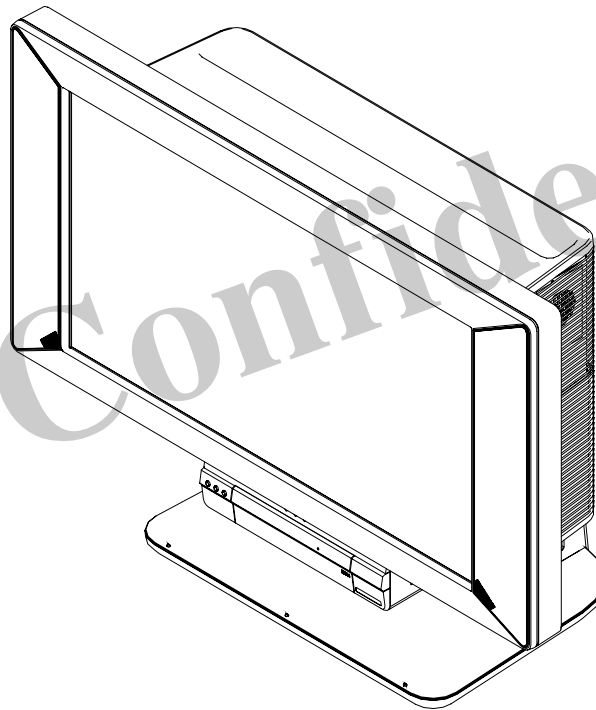
# VGC-VA Series

## SERVICE MANUAL

Ver 1-2005J

### Revision History

Area	Model	Line up
American	US/Canadian	VGC-VA10G
		VGC-VA11G



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PERSONAL COMPUTER

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Caution Markings for Lithium/Ion Battery - The following or similar texts shall be provided on battery pack of equipment or in both the operating and the service instructions.

**CAUTION:** Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Discard used batteries according to the manufacturer's instructions.

**CAUTION:** The battery pack used in this device may present a fire or chemical burn hazard if mistreated. Do not disassemble, heat above 100°C (212°F) or incinerate.

Dispose of used battery promptly.  
Keep away from children.

**CAUTION:** Changing the back up battery.

- Overcharging, short circuiting, reverse charging, mutilation or incineration of the cells must be avoided to prevent one or more of the following occurrence; release of toxic materials, release of hydrogen and/or oxygen gas, rise in surface temperature.
- If a cell has leaked or vented, it should be replaced immediately while avoiding to touch it without any rotation.

## Service and Inspection Precautions

### 1. Obey precautionary markings and instructions

Labels and stamps on the cabinet, chassis, and components identify areas requiring special precautions. Be sure to observe these precautions, as well as all precautions listed in the operating manual and other associated documents.

### 2. Use designated parts only

The setis components possess important safety characteristics, such as noncombustibility and the ability to tolerate large voltages. Be sure that replacement parts possess the same safety characteristics as the originals. Also remember that the  $\triangle$  mark, which appears in circuit diagrams and parts lists, denotes components that have particularly important safety functions; be extra sure to use only the designated components.

### 3. Always follow the original design when mounting parts and routing wires

The original layout includes various safety features, such as inclusion of insulating materials (tubes and tape) and the mounting of parts above the printer board. In addition, internal wiring has been routed and clamped so as to keep it away from hot or high-voltage parts. When mounting parts or routing wires, therefore, be sure to duplicate the original layout.

### 4. Inspect after completing service

After servicing, inspect to make sure that all screws, components, and wiring have been returned to their original condition. Also check the area around the repair location to ensure that repair work has caused no damage, and confirm safety.

### 5. When replacing chip components...

Never reuse components. Also remember that the negative side of tantalum capacitors is easily damaged by heat.

### 6. When handling flexible print boards...

- The temperature of the soldering-iron tip should be about 270°C.
- Do not apply the tip more than three times to the same pattern.
- Handle patterns with care; never apply force.

Caution: Remember that hard disk drives are easily damaged by vibration. Always handle with care.

### ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!

LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE  $\triangle$  SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

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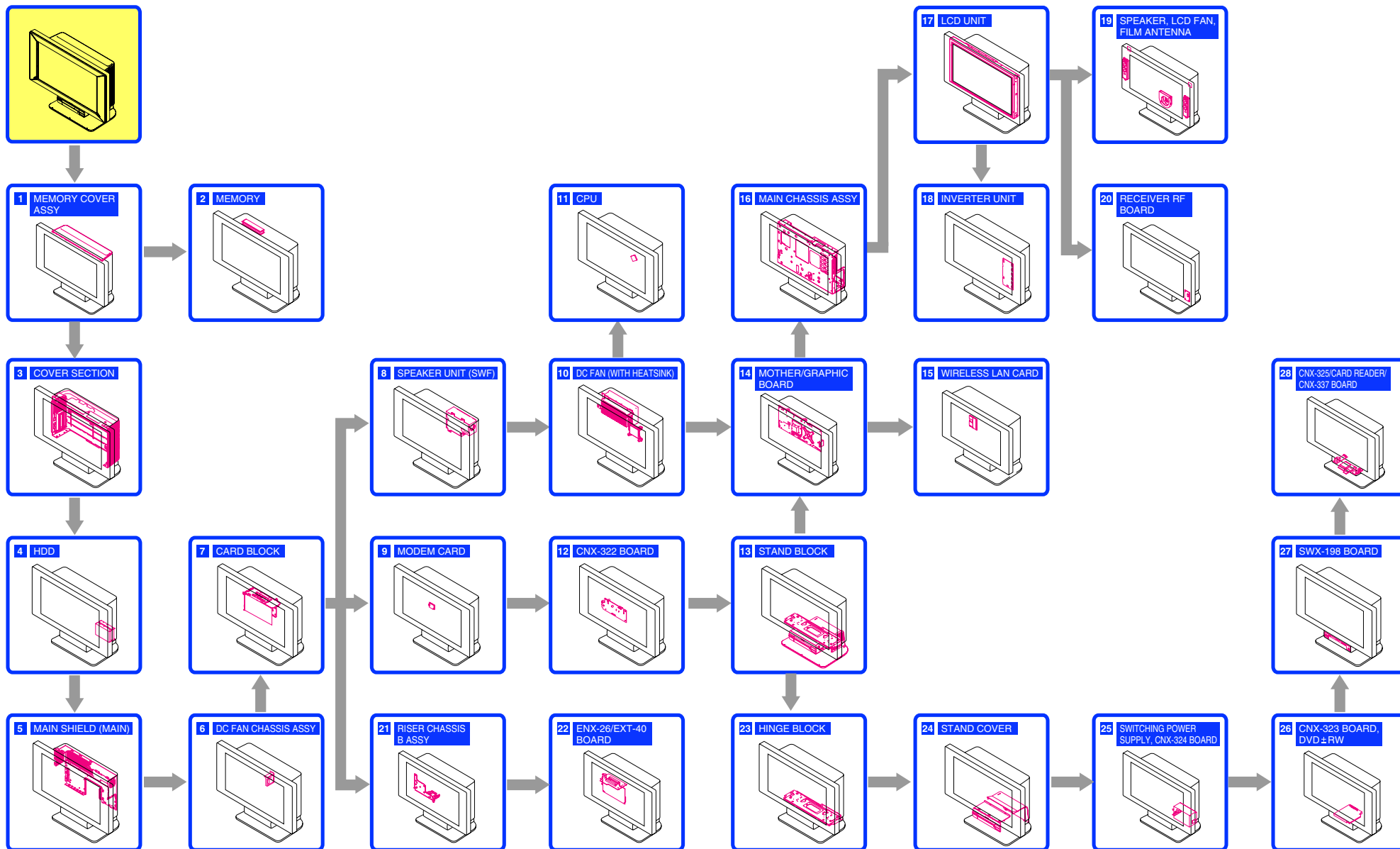
VGC-VA Series (AM)

TABLE OF CONTENTS

<u>Section</u>	<u>Title</u>	<u>Page</u>
<b>CHAPTER 1. DISASSEMBLY</b>	.....	1-1
		(to 1-29)
<b>CHAPTER 2. FRAME HARNESS DIAGRAM</b>	.....	2-1
		(to 2-1)
<b>CHAPTER 3. EXPLODED VIEWS AND PARTS LIST</b>		
3-1. Exploded View	.....	3-1
		(to 3-5)
3-2. Parts List	.....	3-6
		(to 3-8)

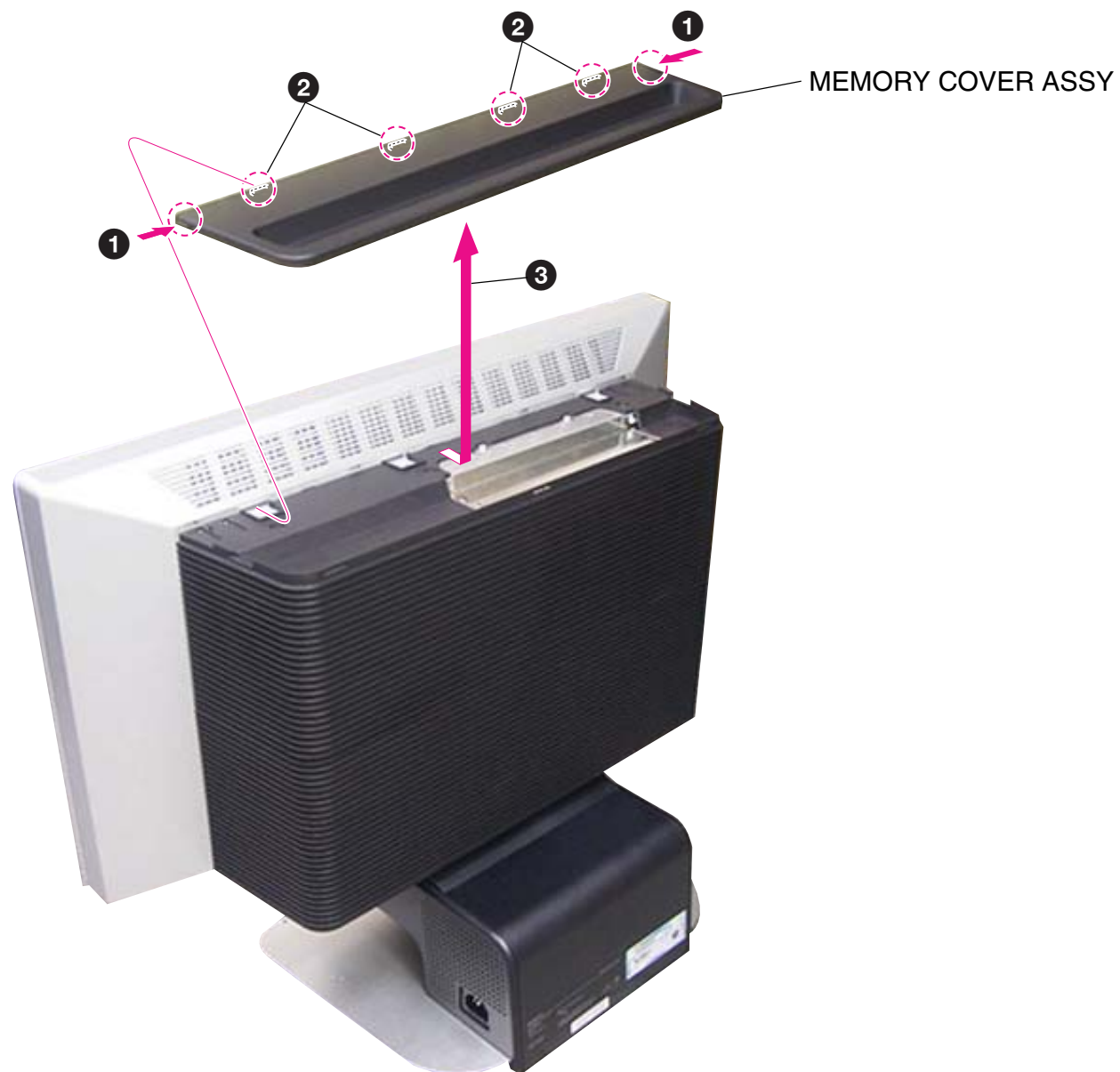
History of the changes is shown as the  
“Revision History” at the end of this data.

# DISASSEMBLY



# DISASSEMBLY

[To Flowchart](#)

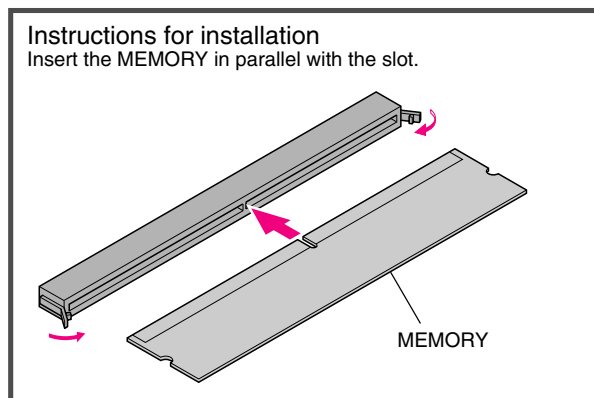
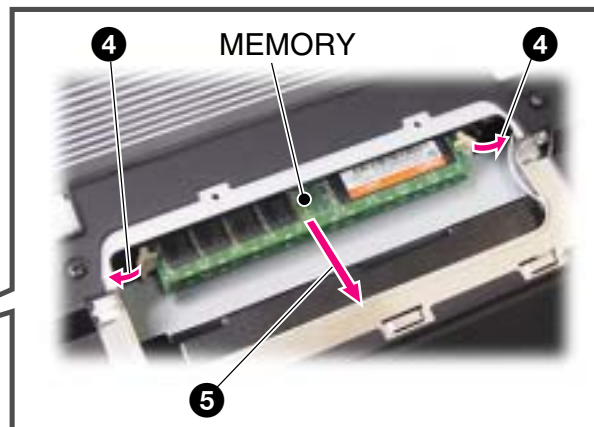
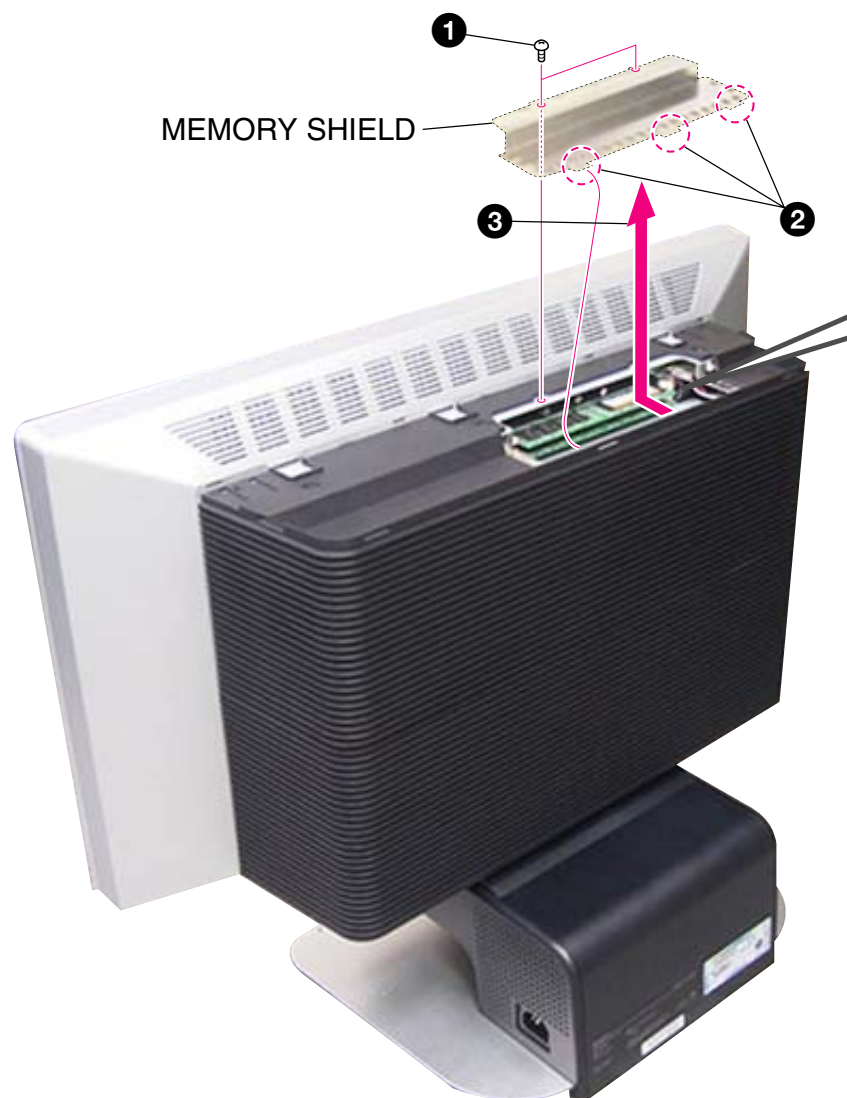


## 1 MEMORY COVER ASSY

- 1 Push the buttons on both sides of the MEMORY COVER ASSY.
- 2 Unhook four hooks.
- 3 Remove the MEMORY COVER ASSY in the direction of arrow.

# DISASSEMBLY

[To Flowchart](#)



## 2 MEMORY

- 1 Remove two screws.



Ref. No. B3

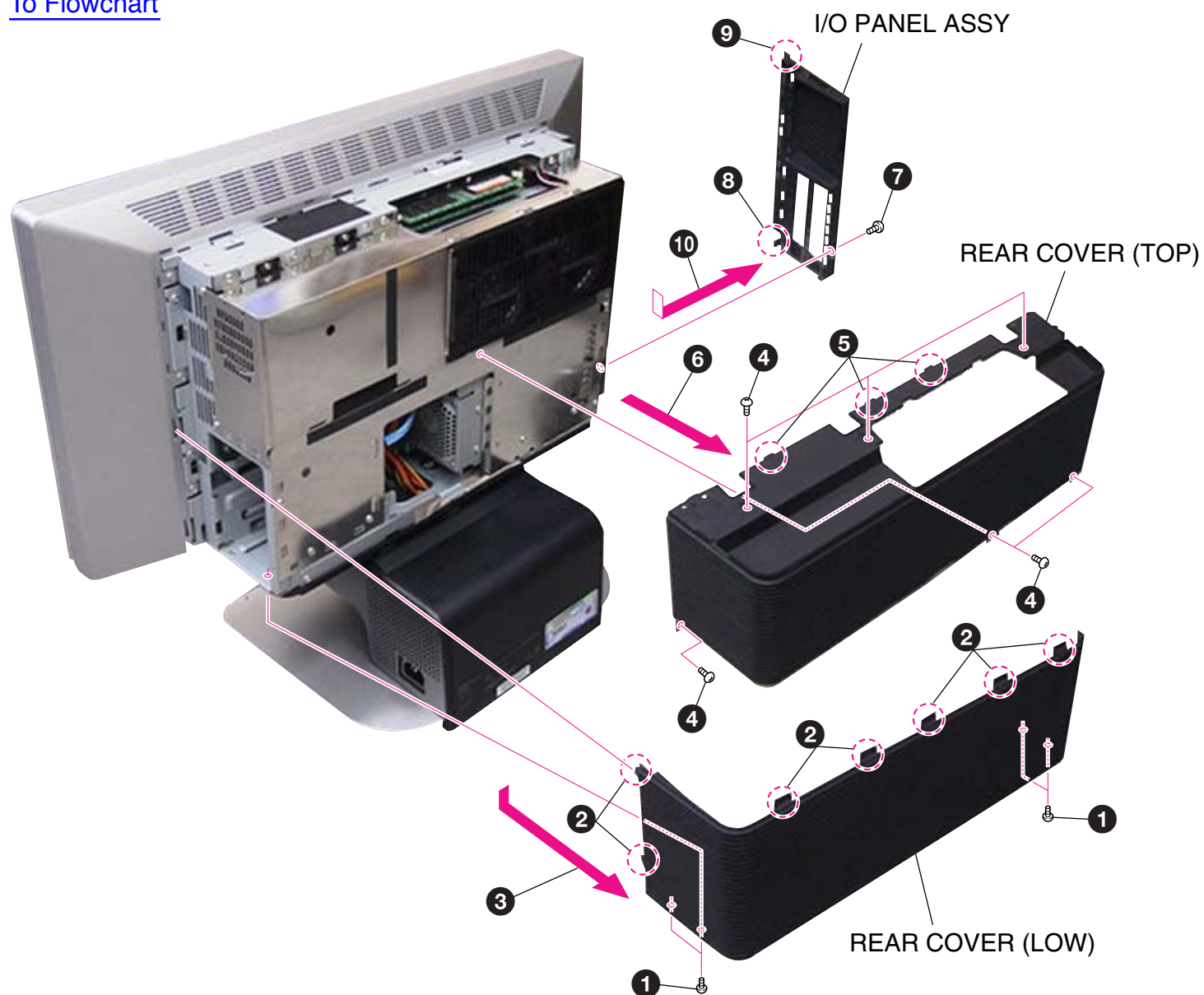
- 2 Unhook three hooks.
- 3 Remove the MEMORY SHIELD in the direction of arrow.
- 4 Open two clips.
- 5 Remove the MEMORY.

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


VGC-VA Series (AM)

# DISASSEMBLY

[To Flowchart](#)



## 3 COVER SECTION

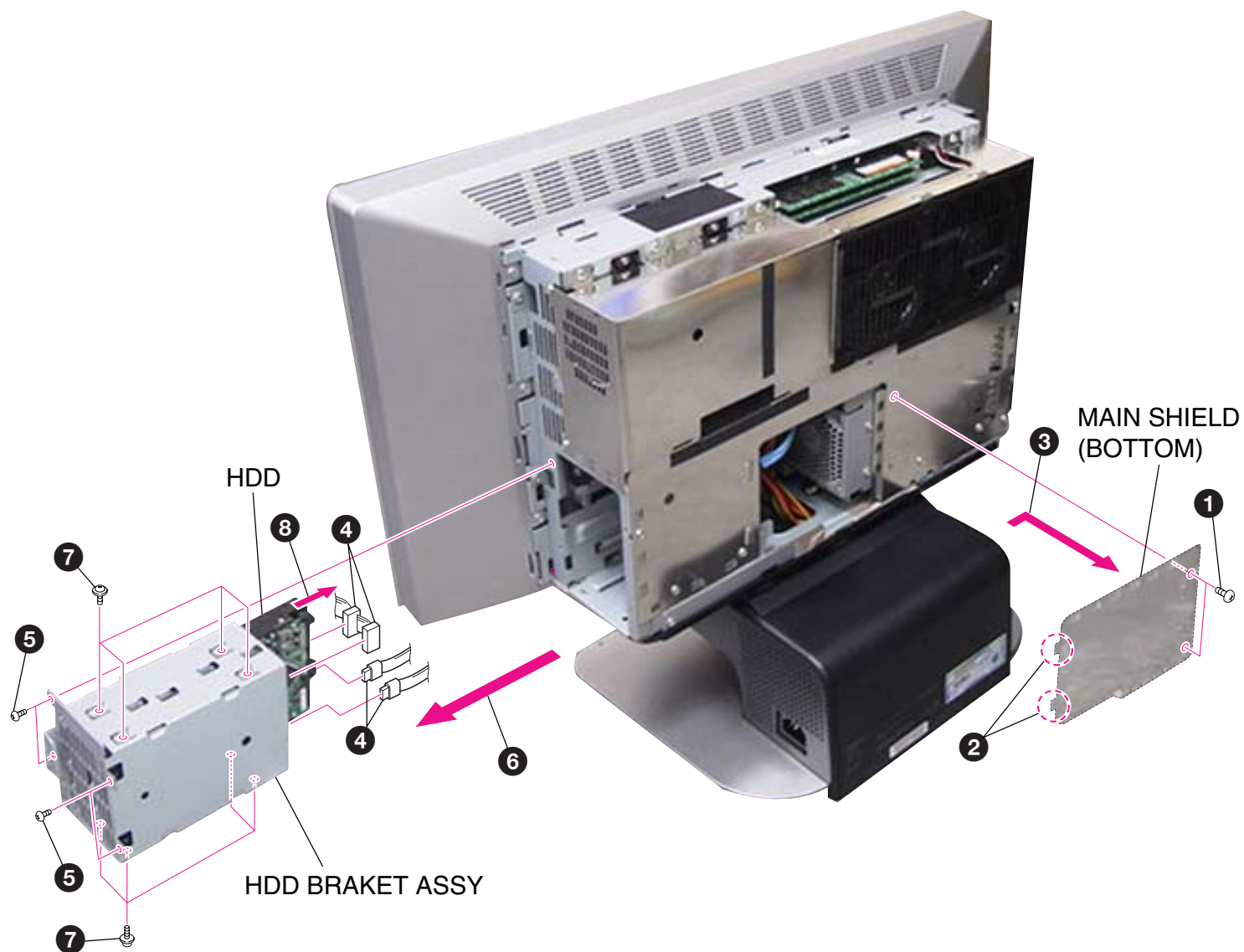
- 1 Remove four screws.  
  
Ref. No. B5
- 2 Unhook seven hooks.
- 3 Remove the REAR COVER (LOW) in the direction of arrow.
- 4 Remove six screws.  
  
Ref. No. B5
- 5 Unhook three hooks.
- 6 Remove the REAR COVER (TOP).
- 7 Remove the screw.  
  
Ref. No. B5
- 8 Remove the clip.
- 9 Unhook one hook.
- 10 Remove the I/O PANEL ASSY in the direction of arrow.

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# DISASSEMBLY

[To Flowchart](#)



## 4 HDD

- 1 Remove two screws.



Ref. No. B3

- 2 Unhook two hooks.

- 3 Remove the MAIN SHIELD (BOTTOM) in the direction of arrow.

- 4 Disconnect four connectors that are connected to the HDD.

- 5 Remove four screws.



Ref. No. B3

- 6 Pull out the HDD BRACKET ASSY.

- 7 Remove eight screws.



Ref. No. B10

- 8 Remove the HDD.

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# DISASSEMBLY

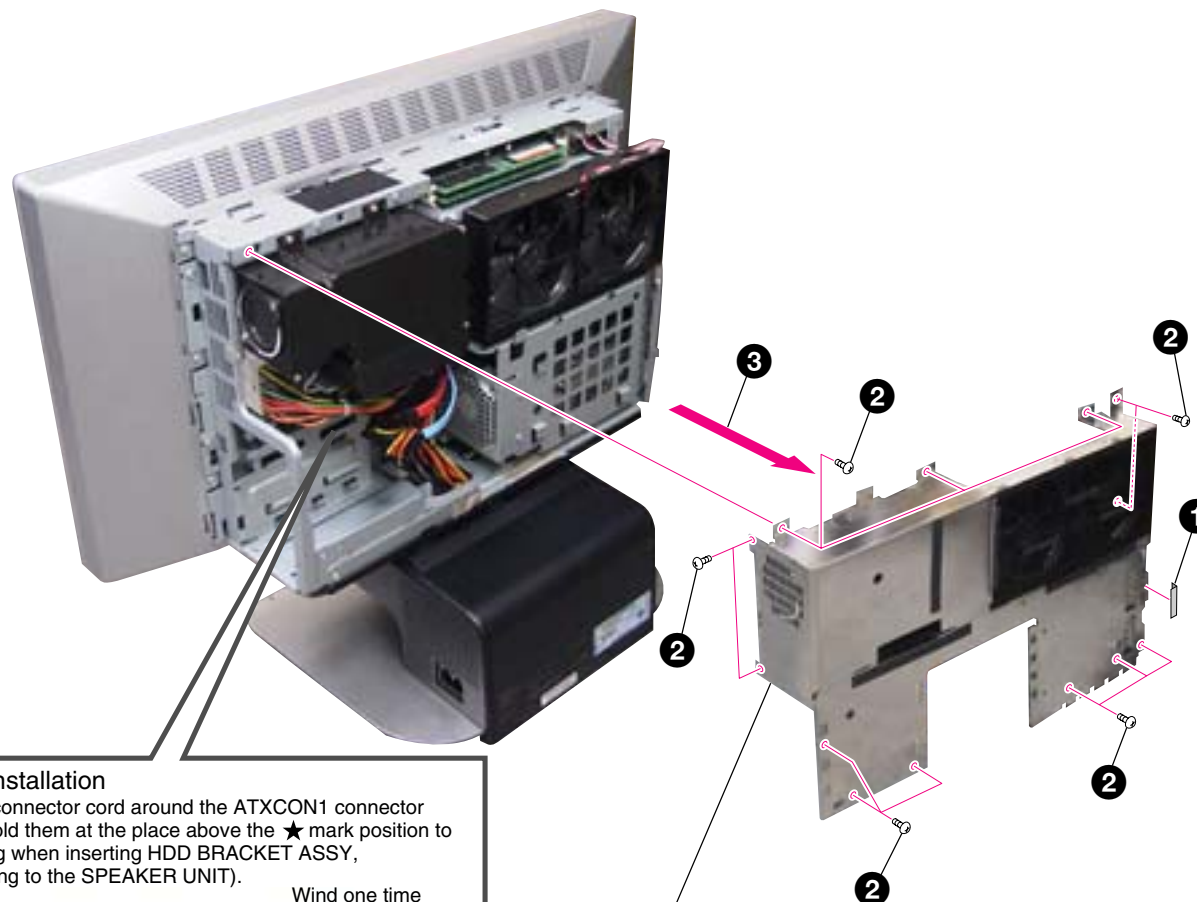
[To Flowchart](#)

## 5 MAIN SHIELD (MAIN)

- 1 Remove one NI tape.
- 2 Remove thirteen screws.
- 3 Remove the MAIN SHIELD (MAIN).



Ref. No. B3



MAIN SHIELD (MAIN)

### Instructions for installation

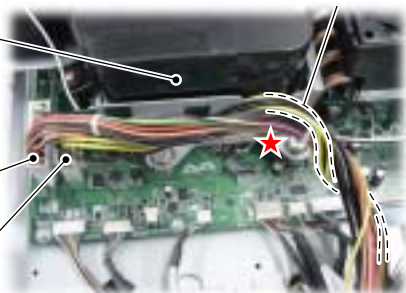
Wind the ATX12V1 connector cord around the ATXCON1 connector cord one time and hold them at the place above the ★ mark position to prevent wire jamming when inserting HDD BRACKET ASSY, (but prevent contacting to the SPEAKER UNIT).

Wind one time

SPEAKER UNIT

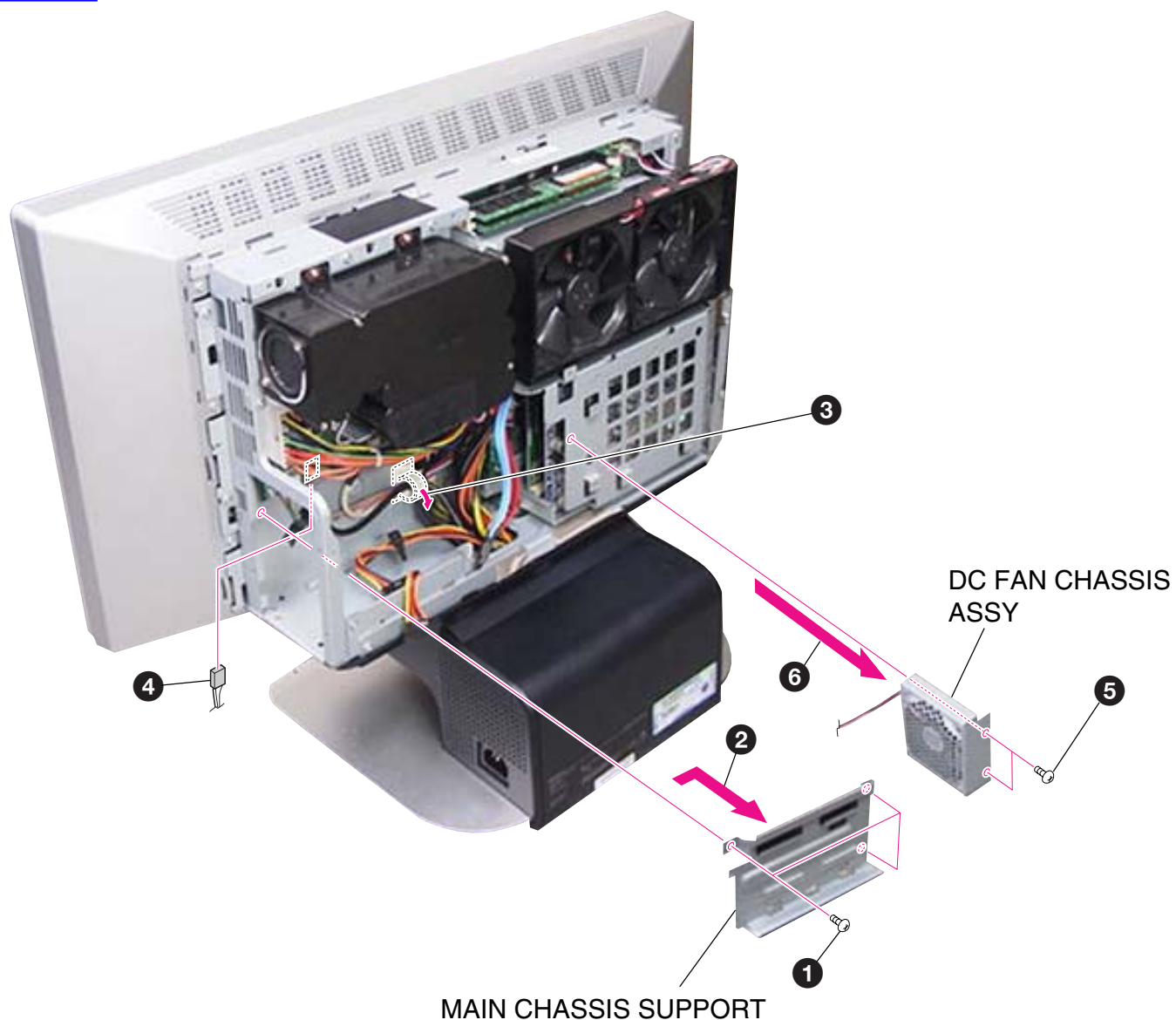
ATXCON1  
Connector cord

ATX12V1  
Connector cord



# DISASSEMBLY

[To Flowchart](#)



## 6 DC FAN CHASSIS ASSY

- 1 Remove three screws.



Ref. No. B3

- 2 Remove the MAIN CHASSIS SUPPORT in the direction of arrow.

- 3 Open the HARNESS CLAMP, and disconnect the DC FAN CHASSIS cord.

- 4 Disconnect one connector.

- 5 Remove two screws.



Ref. No. B3

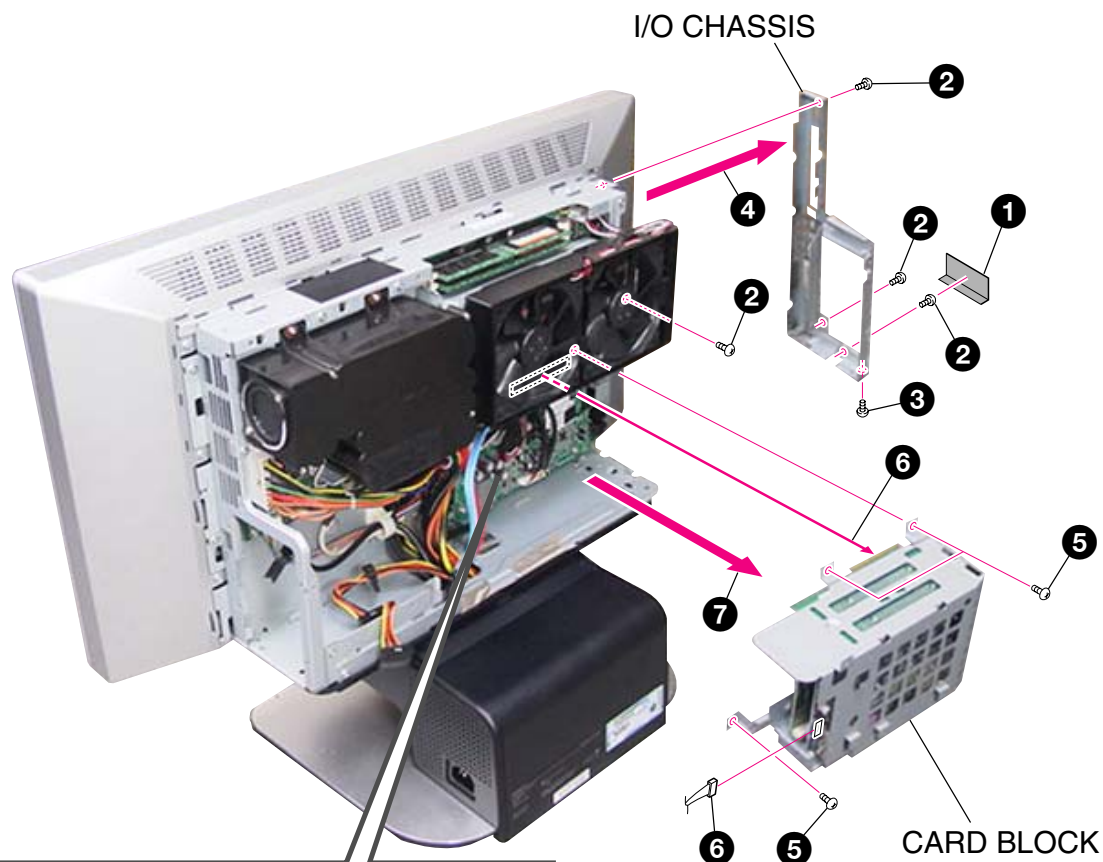
- 6 Remove the DC FAN CHASSIS ASSY.

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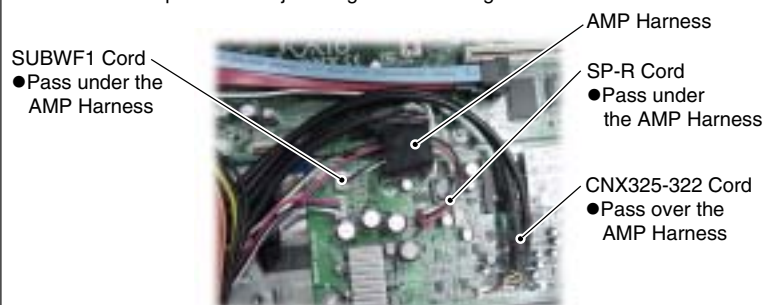
# DISASSEMBLY

[To Flowchart](#)




## Instructions for installation


Wire SP-R cord, SUBWF1 cord, CNX323-322 cord at the instructed places of the Shown bellow to prevent wire jamming when inserting CARD BLOCK.




## 7 CARD BLOCK

- 1 Remove one NI tape.
- 2 Remove four screws.
 

  
 Ref. No. B3
- 3 Remove one screw.
 

  
 Ref. No. B5
- 4 Remove the I/O CHASSIS.
- 5 Remove three screws.
 

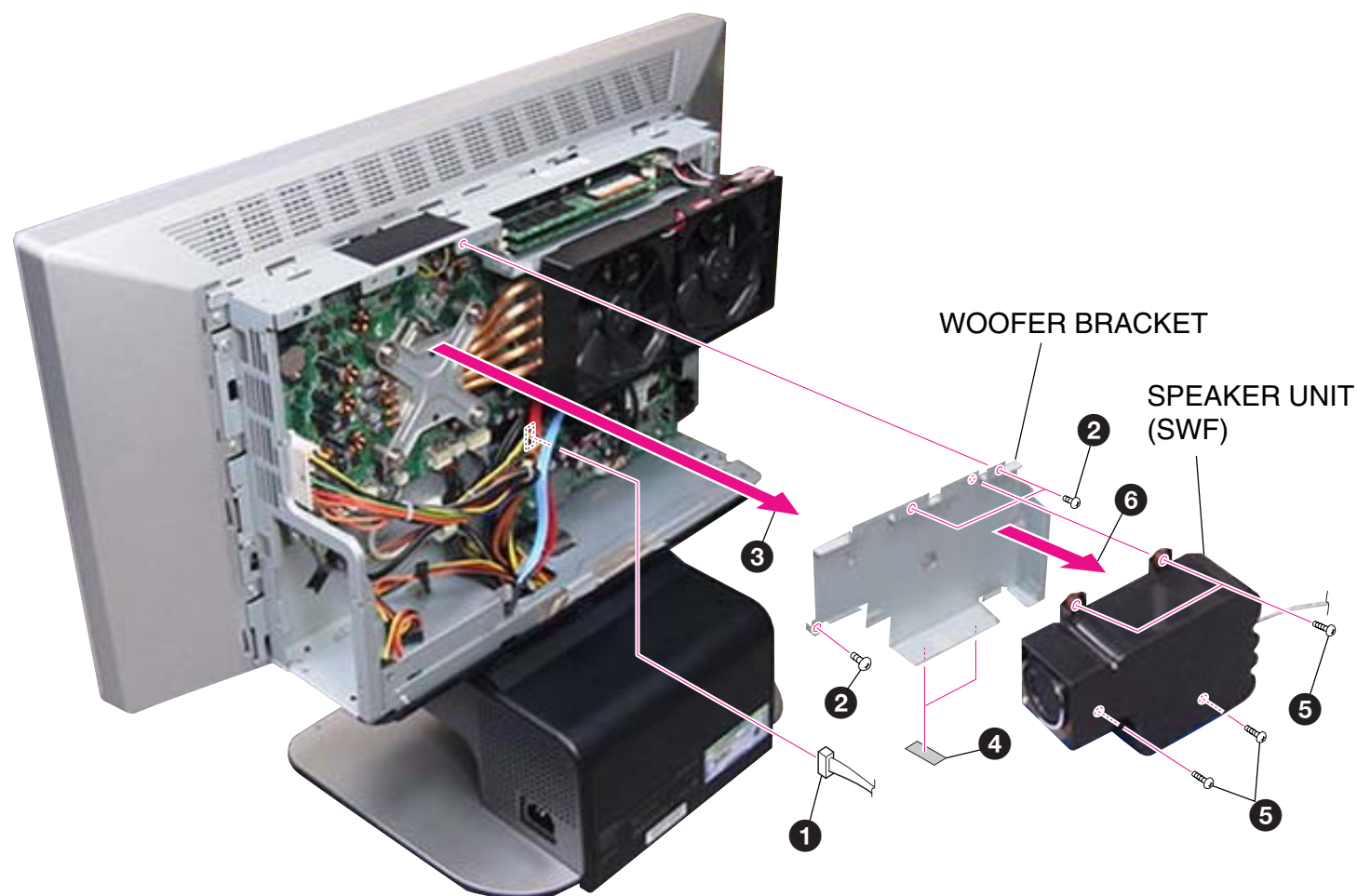
  
 Ref. No. B3
- 6 Disconnect two connectors.
- 7 Remove the CARD BLOCK.

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# DISASSEMBLY

[To Flowchart](#)



## 8 SPEAKER UNIT (SWF)

1 Disconnect one connector.

2 Remove three screws.



Ref. No. B3

3 Remove the SPEAKER UNIT (SWF) and WOOFER BRACKET.

4 Remove two UL tapes.

5 Remove four screws.

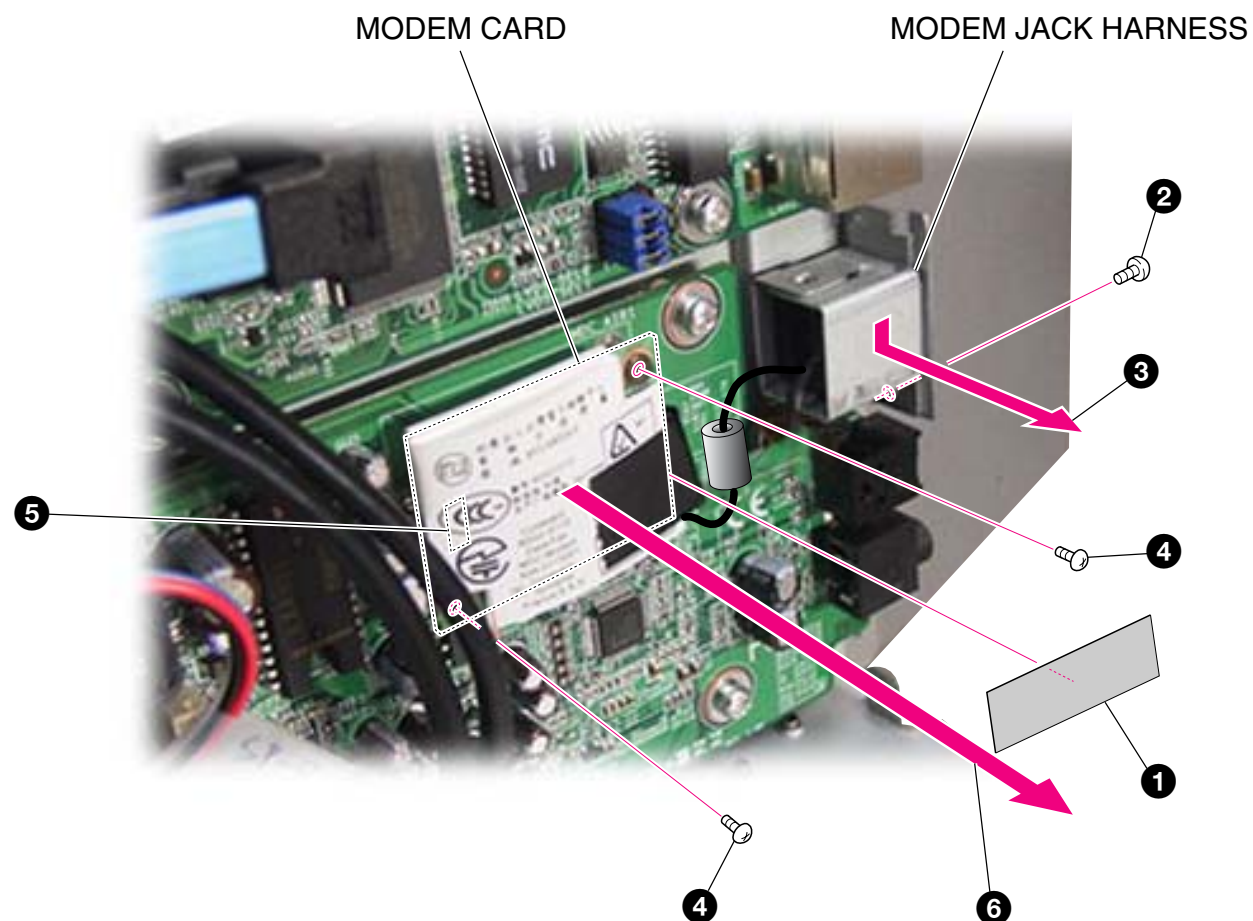


Ref. No. B14

6 Remove the SPEAKER UNIT (SWF).

# DISASSEMBLY

[To Flowchart](#)



## 9 MODEM CARD

1 Remove one UL tape.

2 Remove one screw.



Ref. No. B1

3 Remove the MODEM JACK HARNESS in the direction of arrow.

4 Remove two screws.



Ref. No. B11

5 Disconnect one connector.

6 Remove the MODEM CARD.

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# DISASSEMBLY

[To Flowchart](#)

## 10 DC FAN (WITH HEATSINK)

- 1 Remove two screws.

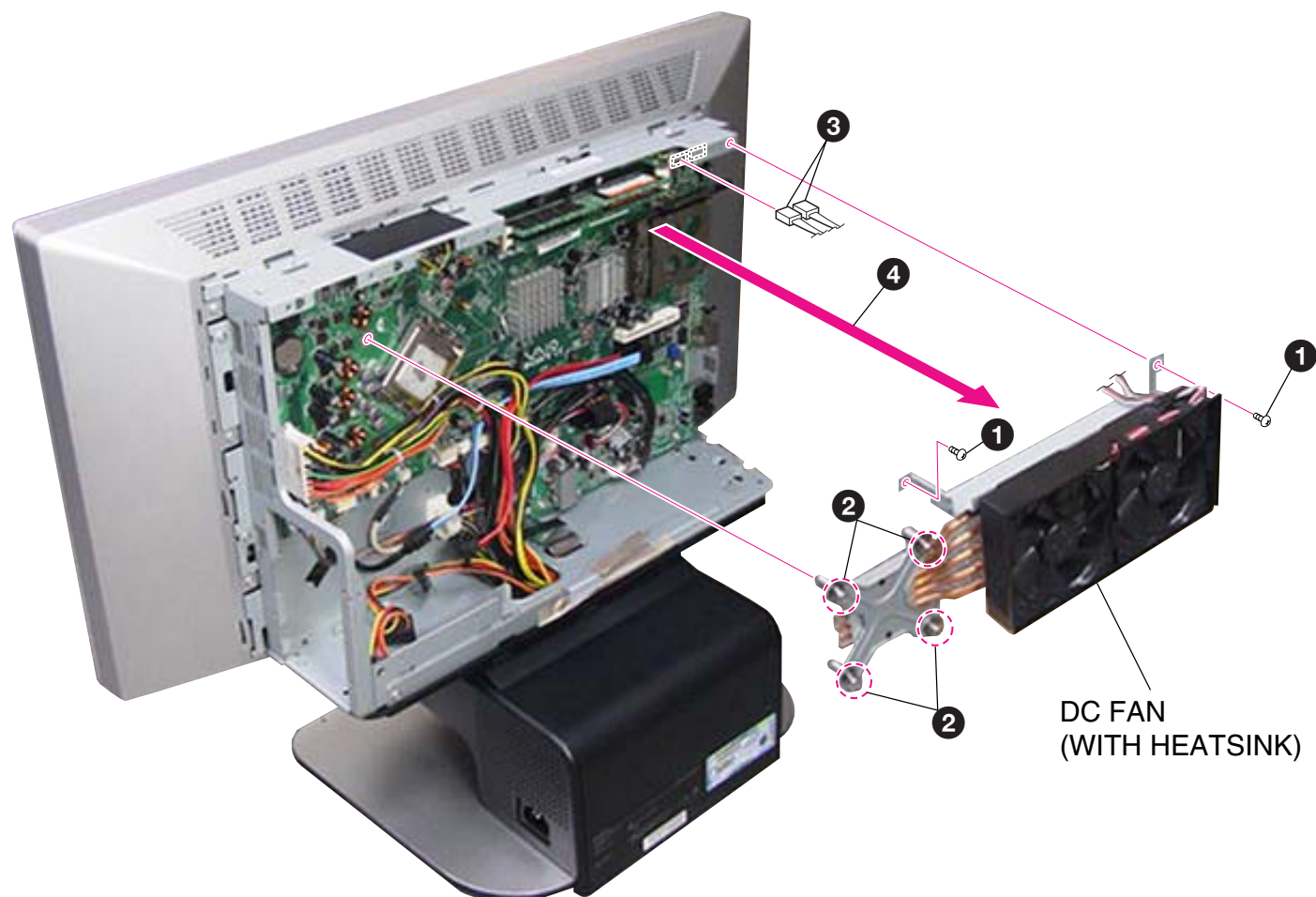


Ref. No. B3

- 2 Remove four mounting screws of the DC FAN (WITH HEATSINK).

- 3 Disconnect two connectors.

- 4 Remove the DC FAN (WITH HEATSINK).

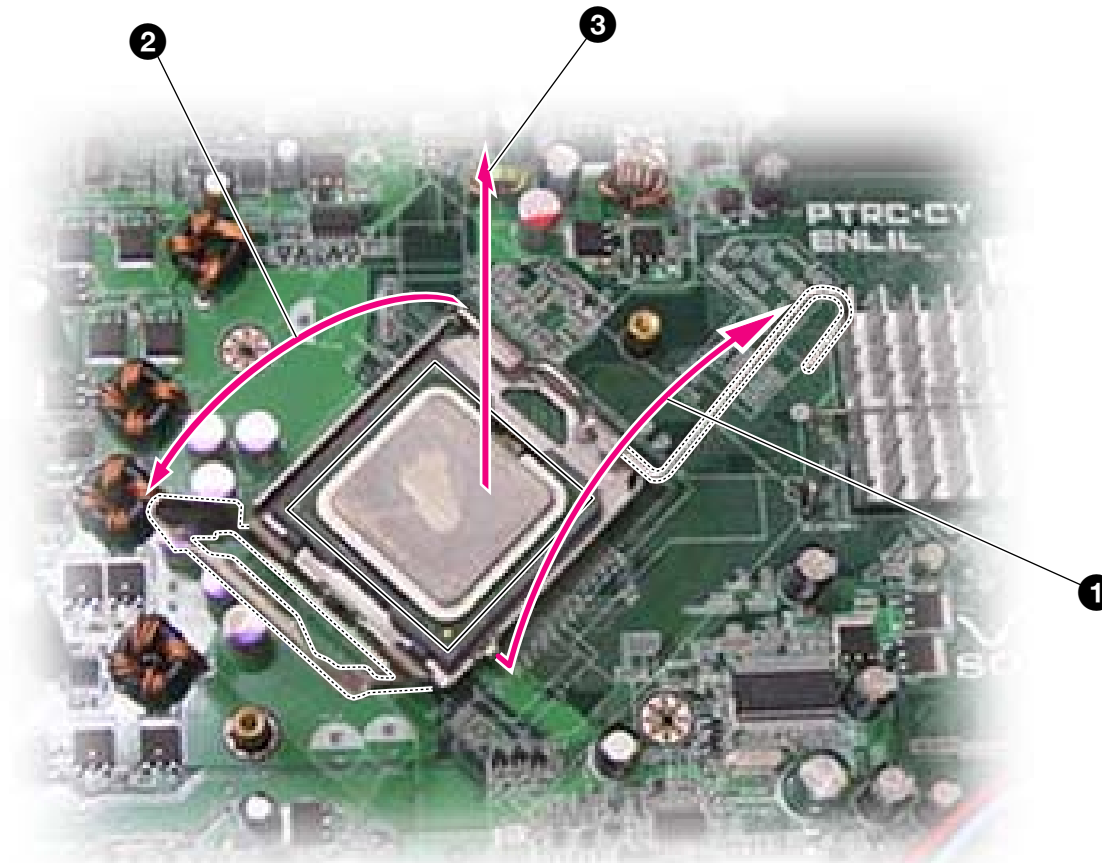


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# DISASSEMBLY

[To Flowchart](#)

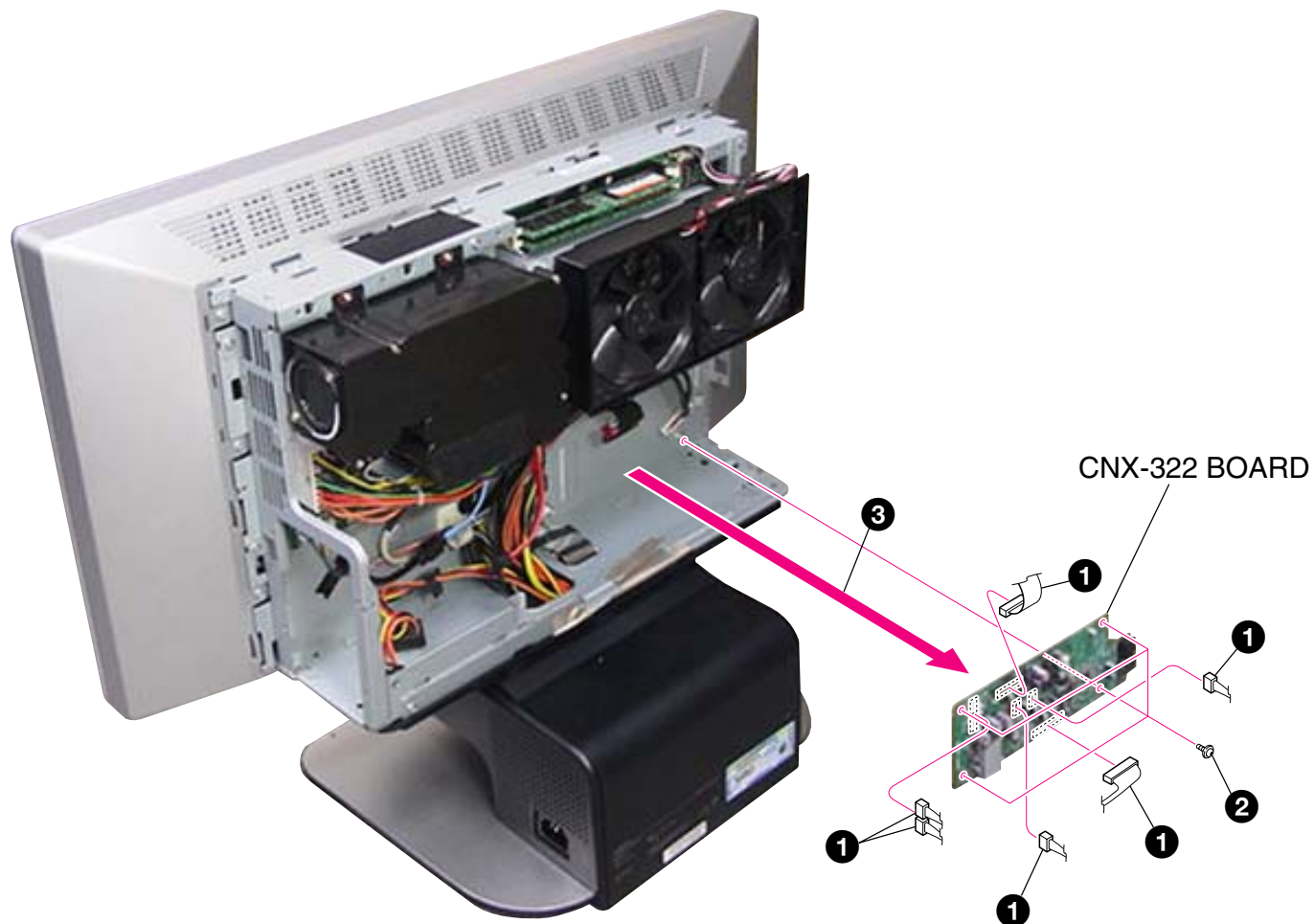


## 11 CPU

- ❶ Remove the clip in the direction of arrow.
- ❷ Open the RETAINER.
- ❸ Remove the CPU.

# DISASSEMBLY

[To Flowchart](#)



## 12 CNX-322 BOARD

1 Disconnect six connectors.

2 Remove four screws.

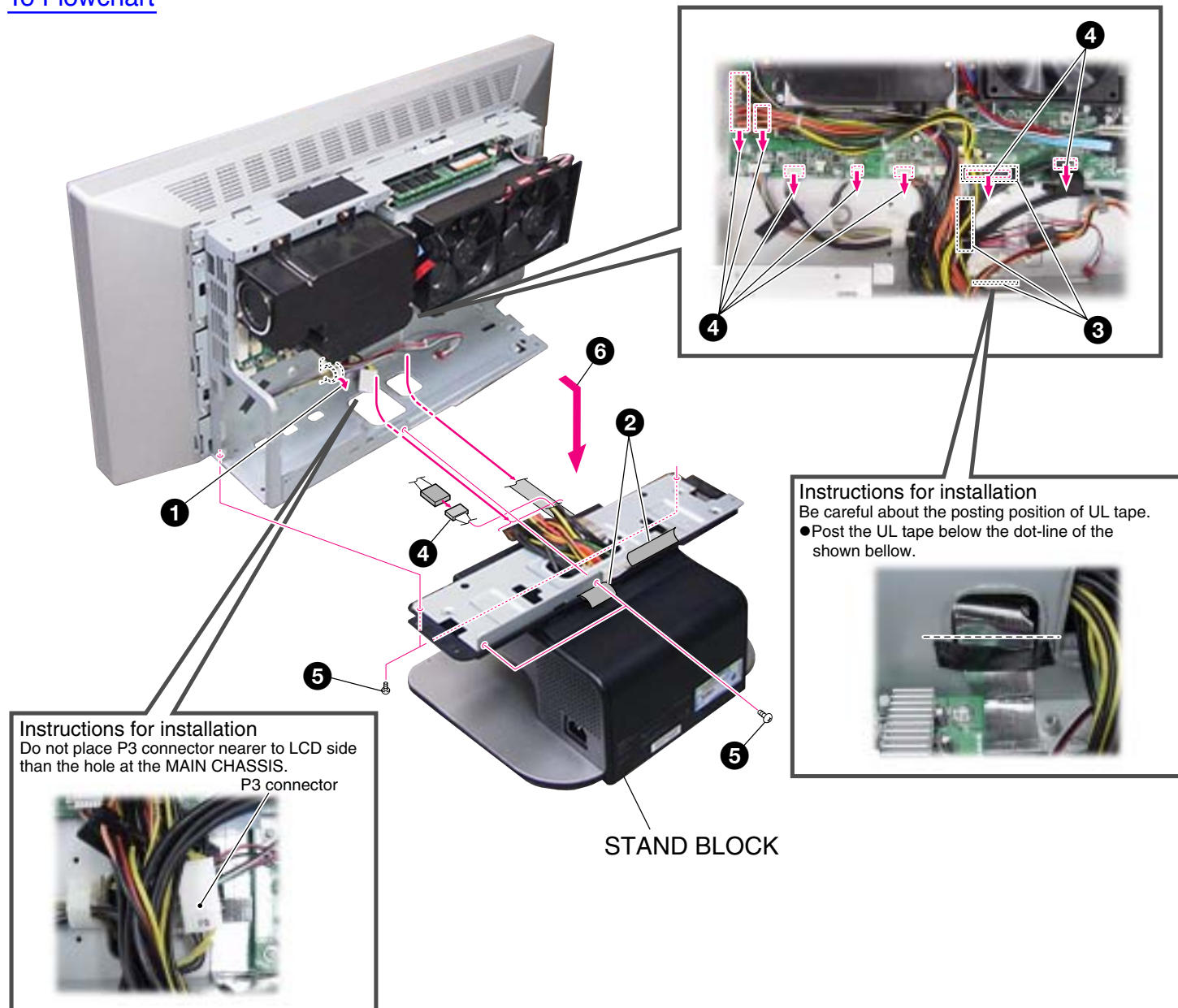


Ref. No. B9

3 Remove the CNX-322 BOARD.

# DISASSEMBLY

[To Flowchart](#)



## 13 STAND BLOCK

- 1 Open the HARNESS CLAMP, and disconnect the cords.
- 2 Peel off two UL tapes.
- 3 Remove three UL tapes.
- 4 Disconnect eight connectors.
- 5 Remove four screws.
- 6 Remove the STAND BLOCK in the direction of arrow.



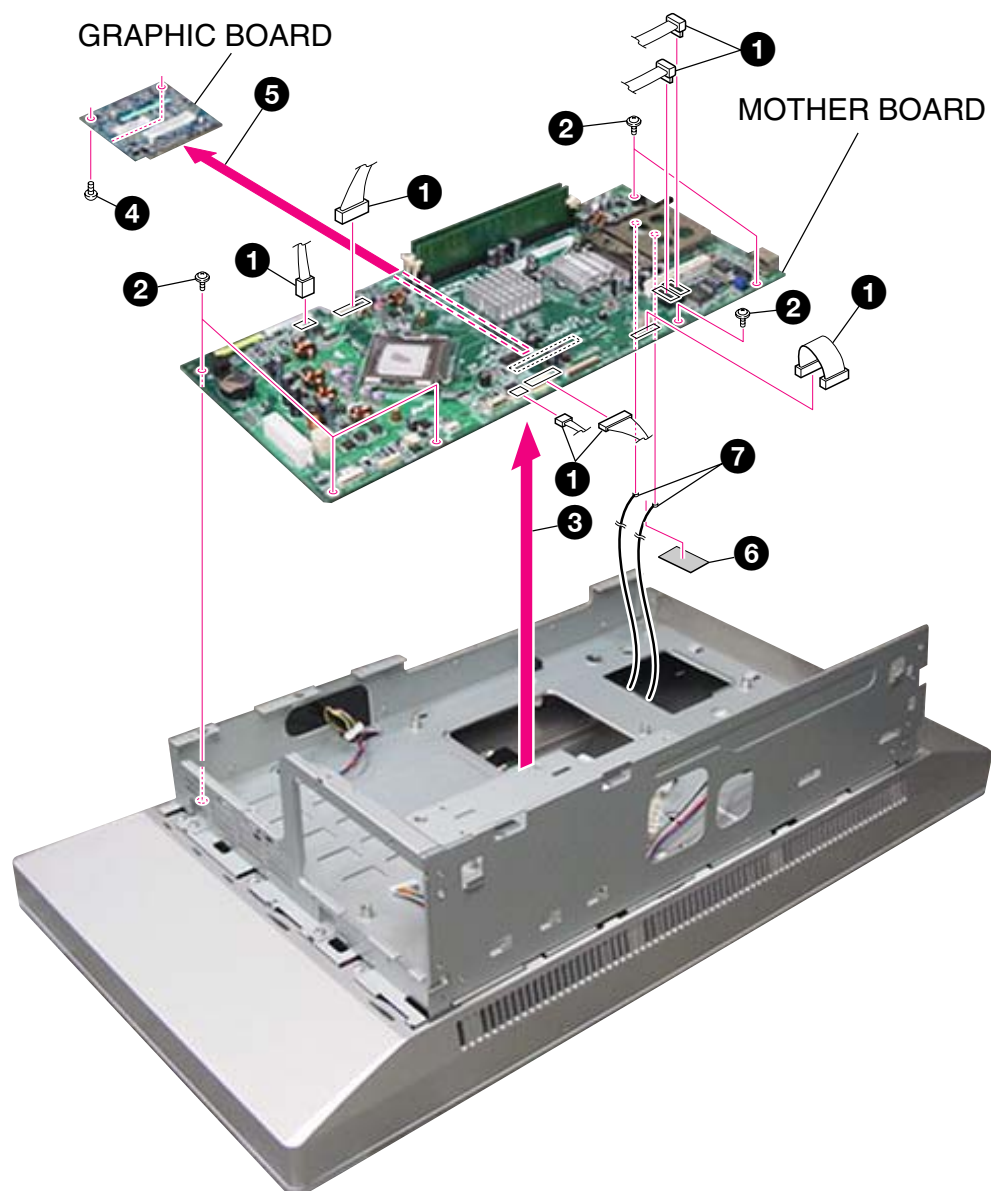
Ref. No. B3

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# DISASSEMBLY


[To Flowchart](#)



## 14 MOTHER/GRAPHIC BOARD

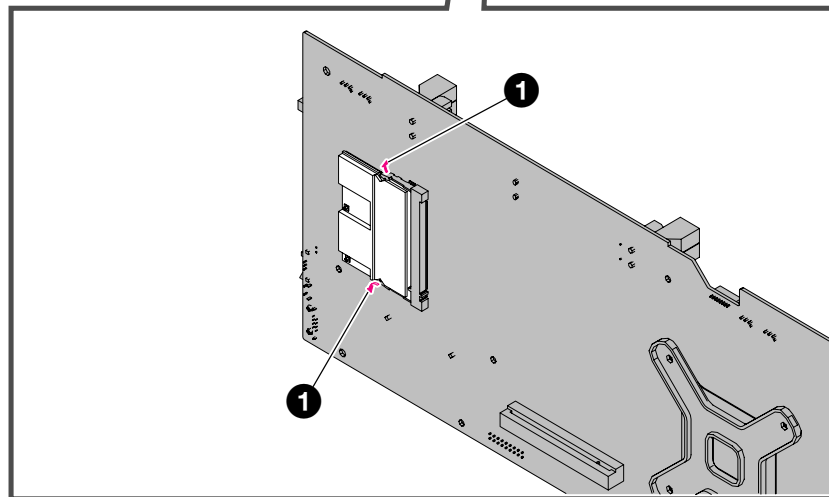
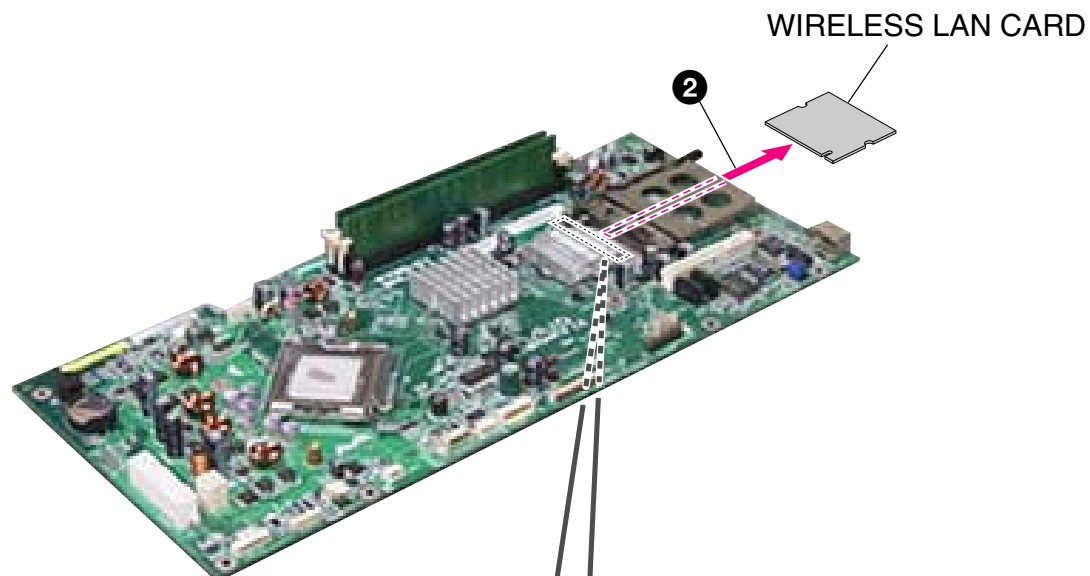
- ❶ Disconnect seven connectors.
- ❷ Remove six screws.

  
Ref. No. B9
- ❸ Remove the MOTHER BOARD.
- ❹ Remove two screws.

  
Ref. No. B8
- ❺ Remove the GRAPHIC BOARD.
- ❻ Remove the NI tape.
- ❼ Disconnect two connectors.

# DISASSEMBLY

[To Flowchart](#)



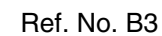
## 15 WIRELESS LAN CARD

- 1 Remove two clips.
- 2 Remove the WIRELESS LAN CARD.

To Flowchart



**1** Remove seven screws.

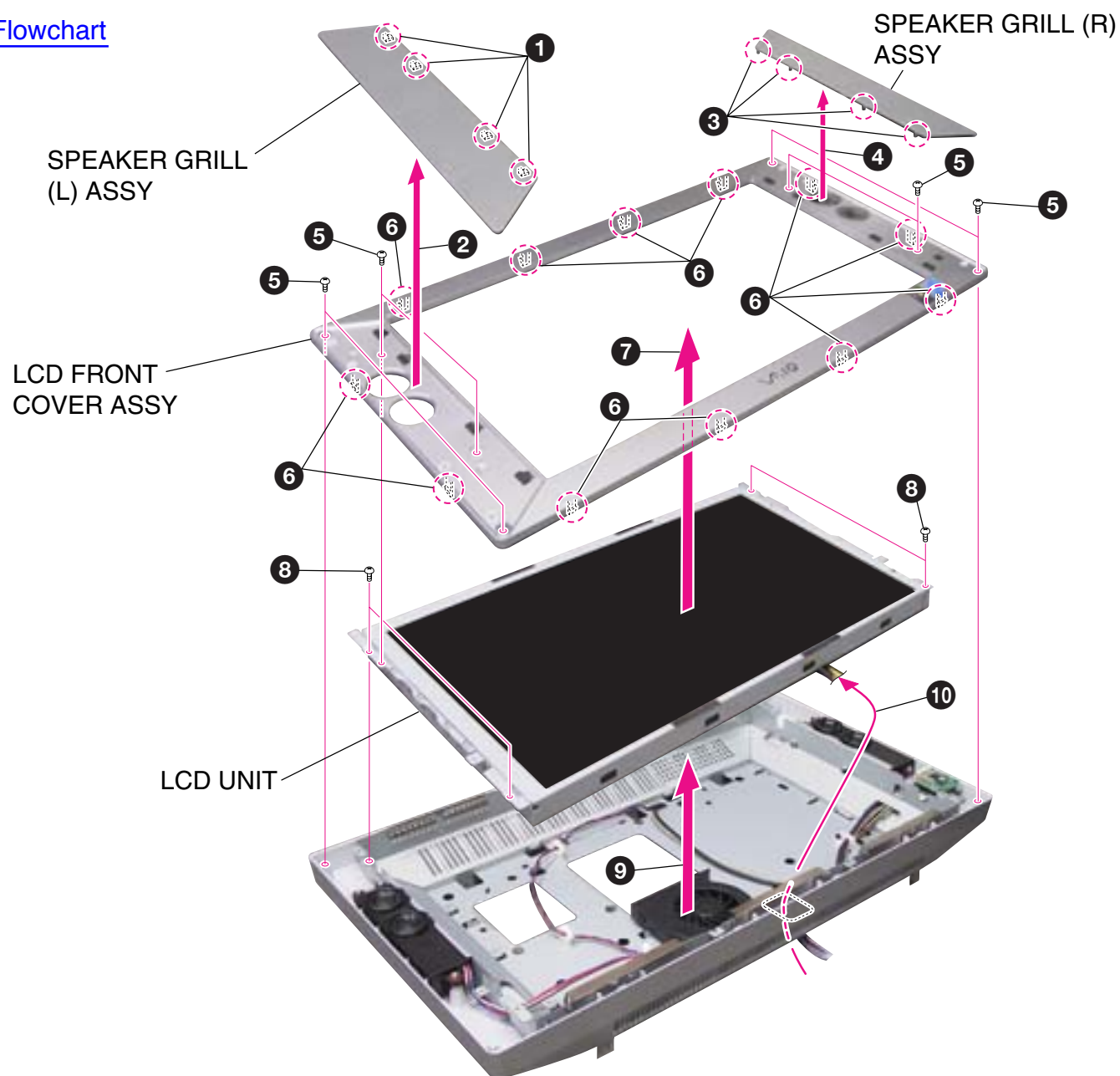


- ② Remove the MAIN CHASSIS ASSY.
- ③ Pull out the cords from the holes of the MAIN CHASSIS ASSY.

VGC-VA Series (AM)


# DISASSEMBLY


[To Flowchart](#)



## 17 LCD UNIT

- 1 Unhook four hooks.
- 2 Remove the SPEAKER GRILL (L) ASSY.
- 3 Unhook four hooks.
- 4 Remove the SPEAKER GRILL (R) ASSY.
- 5 Remove eight screws.

  
Ref. No. B3
- 6 Unhook twelve hooks.
- 7 Remove the LCD FRONT COVER ASSY.
- 8 Remove four screws.

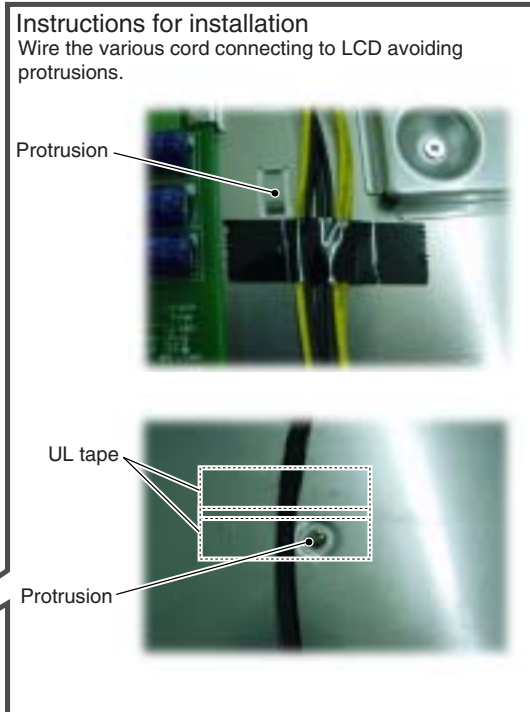
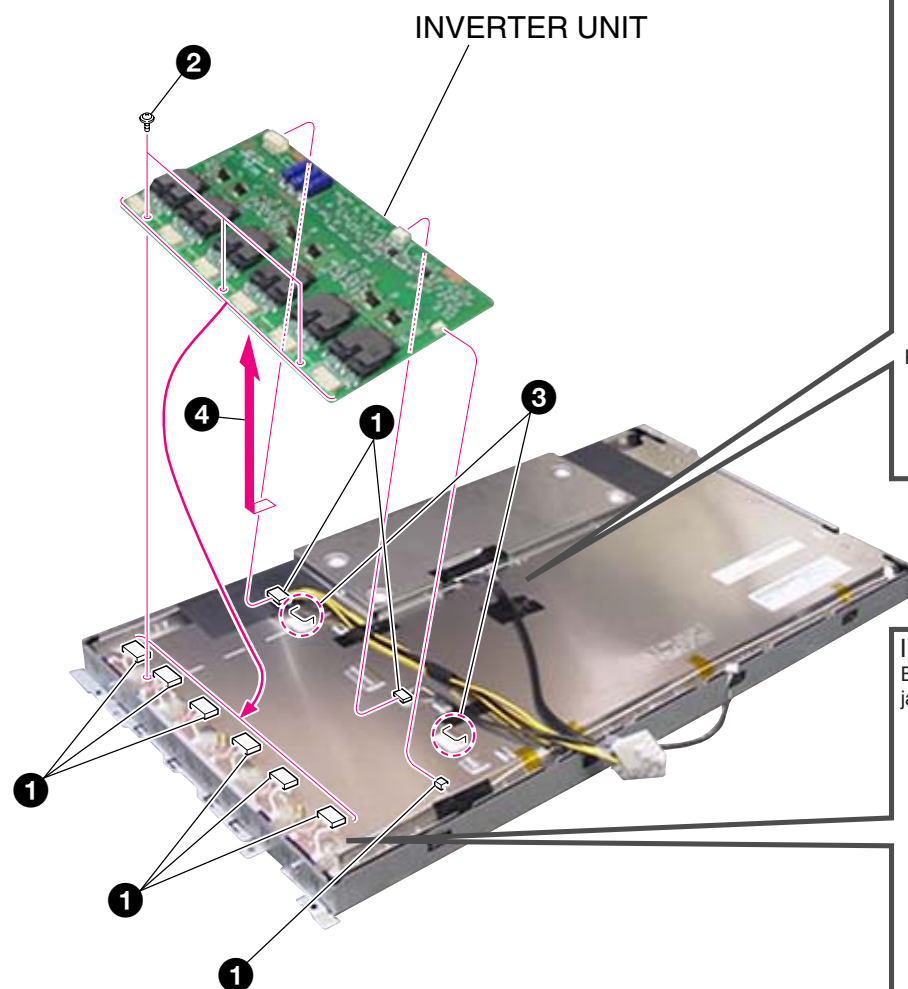
  
Ref. No. B3
- 9 Remove the LCD UNIT.
- 10 Pull out the LCD UNIT cords from the holes of the LCD MIDDLE COVER.

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# DISASSEMBLY

[To Flowchart](#)



## 18 INVERTER UNIT

- 1 Disconnect nine connectors.
- 2 Remove three screws.
- 3 Unhook two hooks.
- 4 Remove the INVERTER UNIT in the direction of arrow.



Ref. No. B9

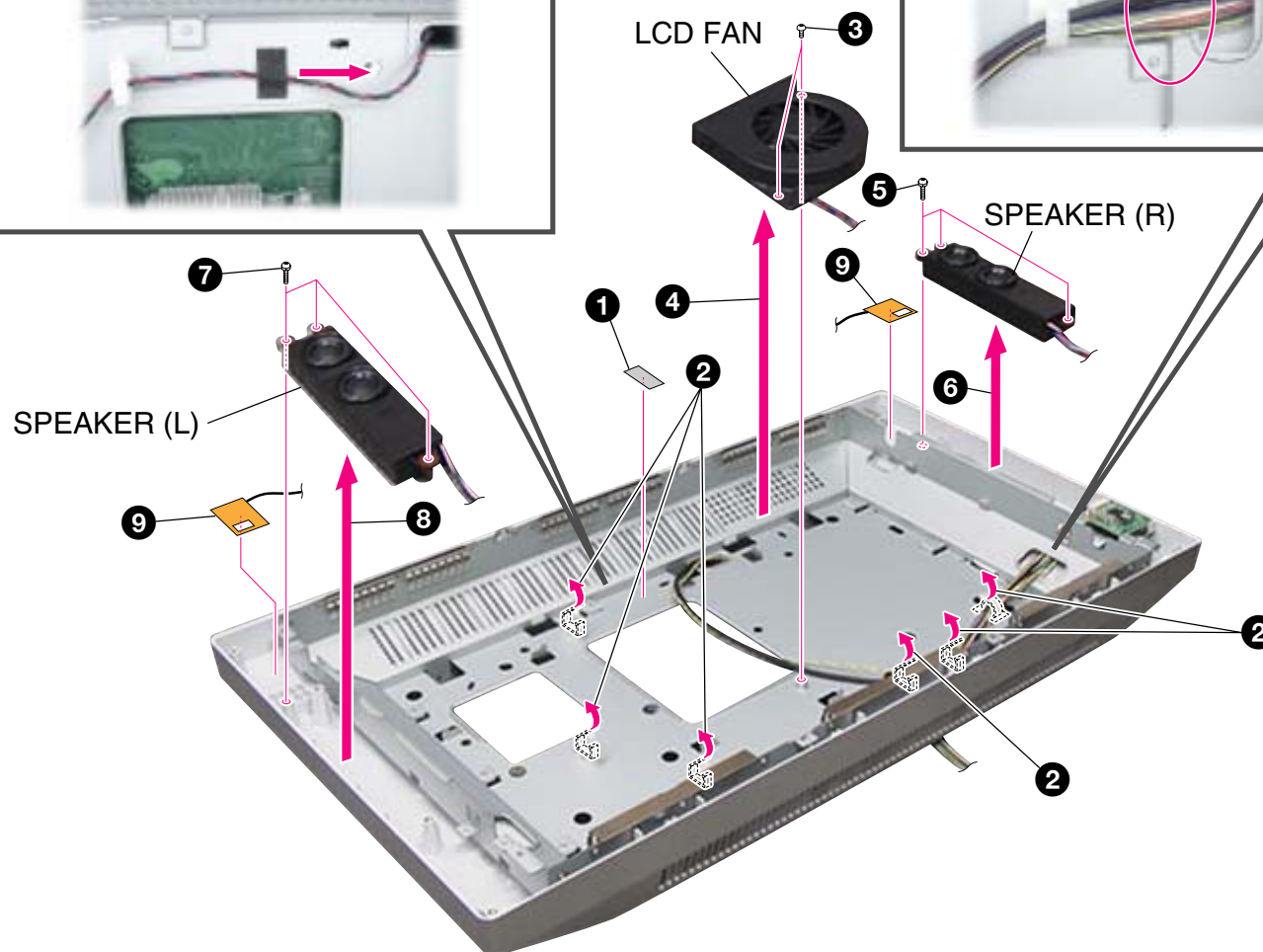
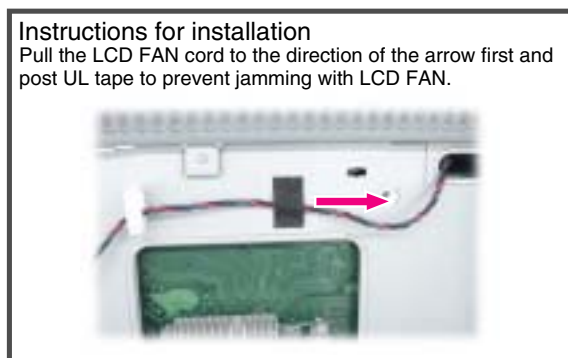
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


VGC-VA Series (AM)

# DISASSEMBLY

[To Flowchart](#)

## 19 SPEAKER, LCD FAN, FILM ANTENNA



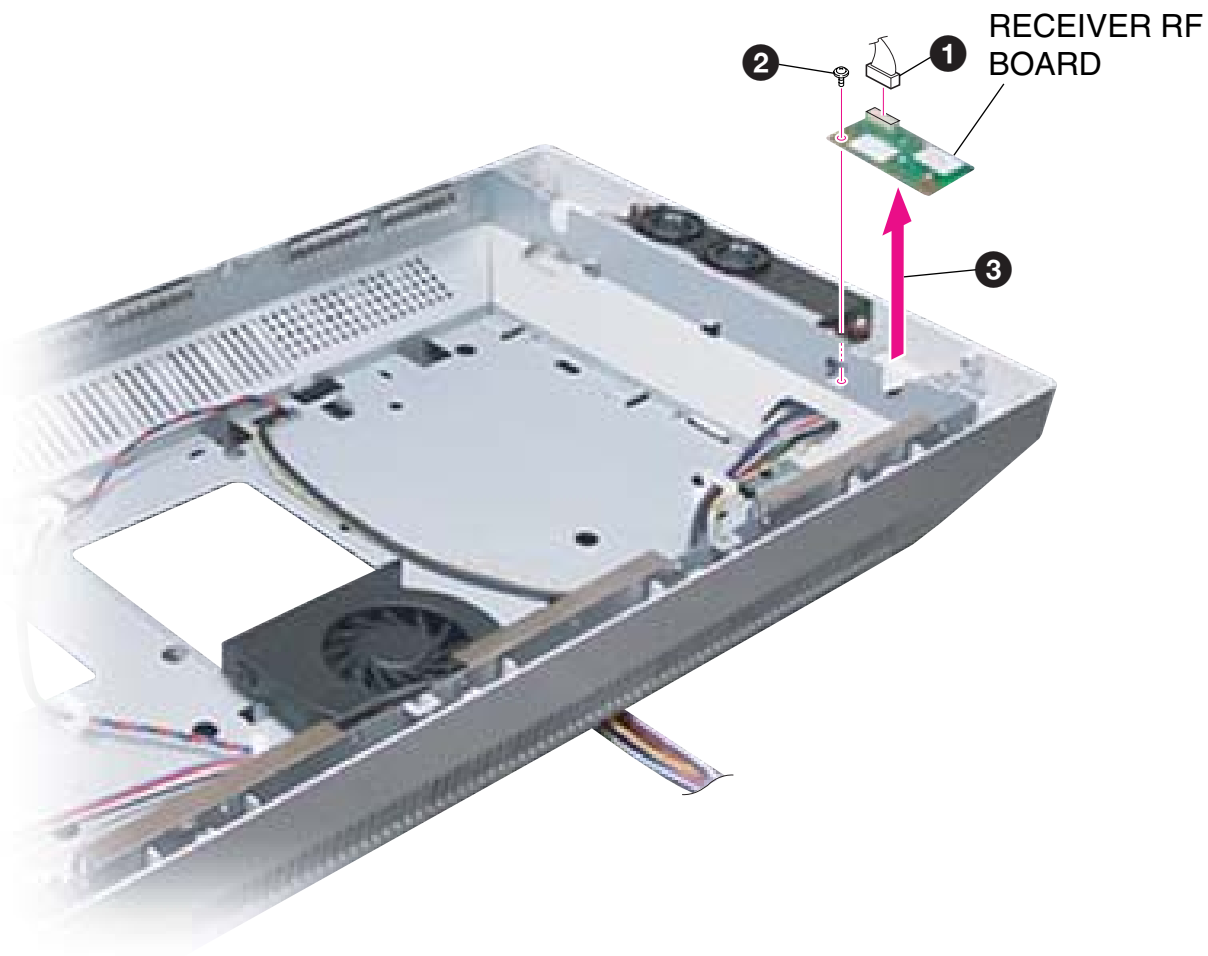
- 1 Remove one UL tape.
- 2 Open six CABLE CLAMPs, and disconnect the SPEAKER CORD and LCD FAN CORD.
- 3 Remove two screws.  
  
Ref. No. B3
- 4 Remove the LCD FAN.
- 5 Remove three screws.  
  
Ref. No. B14
- 6 Remove the SPEAKER (R).
- 7 Remove three screws.  
  
Ref. No. B14
- 8 Remove the SPEAKER (L).
- 9 Remove two FILM ANTENNA.

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# DISASSEMBLY

[To Flowchart](#)



## 20 RECEIVER RF BOARD

1 Disconnect one connector.

2 Remove one screw.

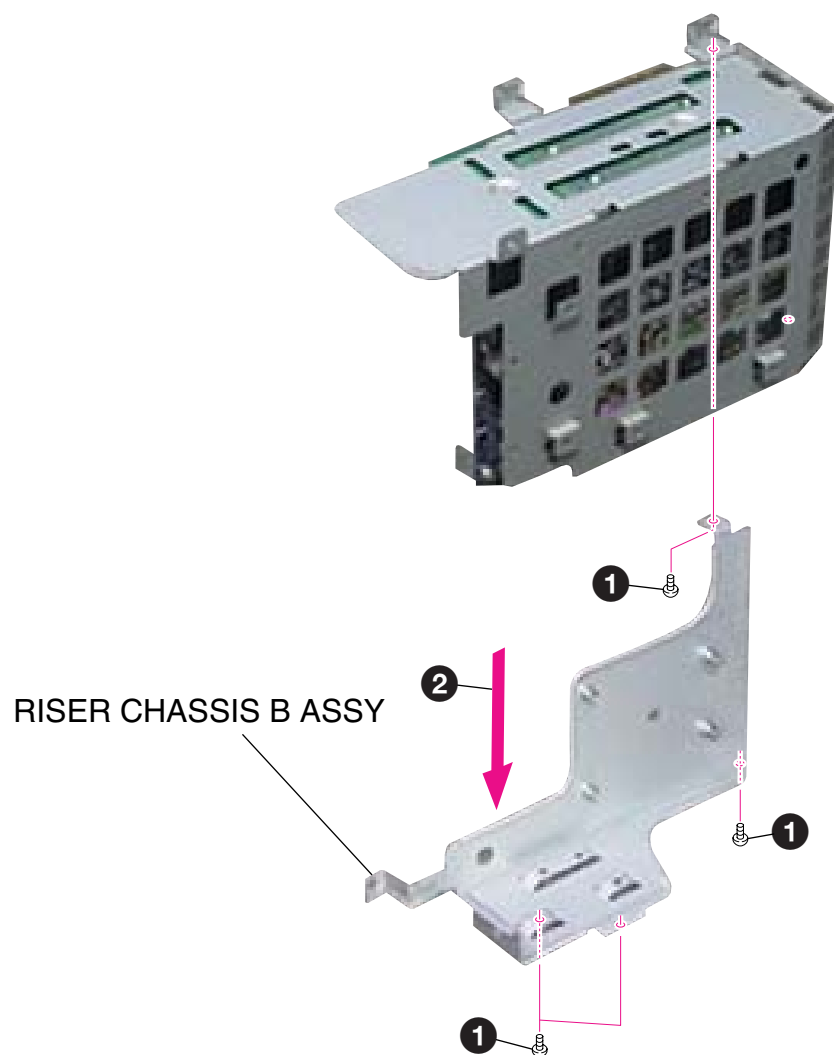


Ref. No. B9

3 Remove the RECEIVER RF BOARD.

# DISASSEMBLY

[To Flowchart](#)



## 21 RISER CHASSIS B ASSY

- 1 Remove four screws.

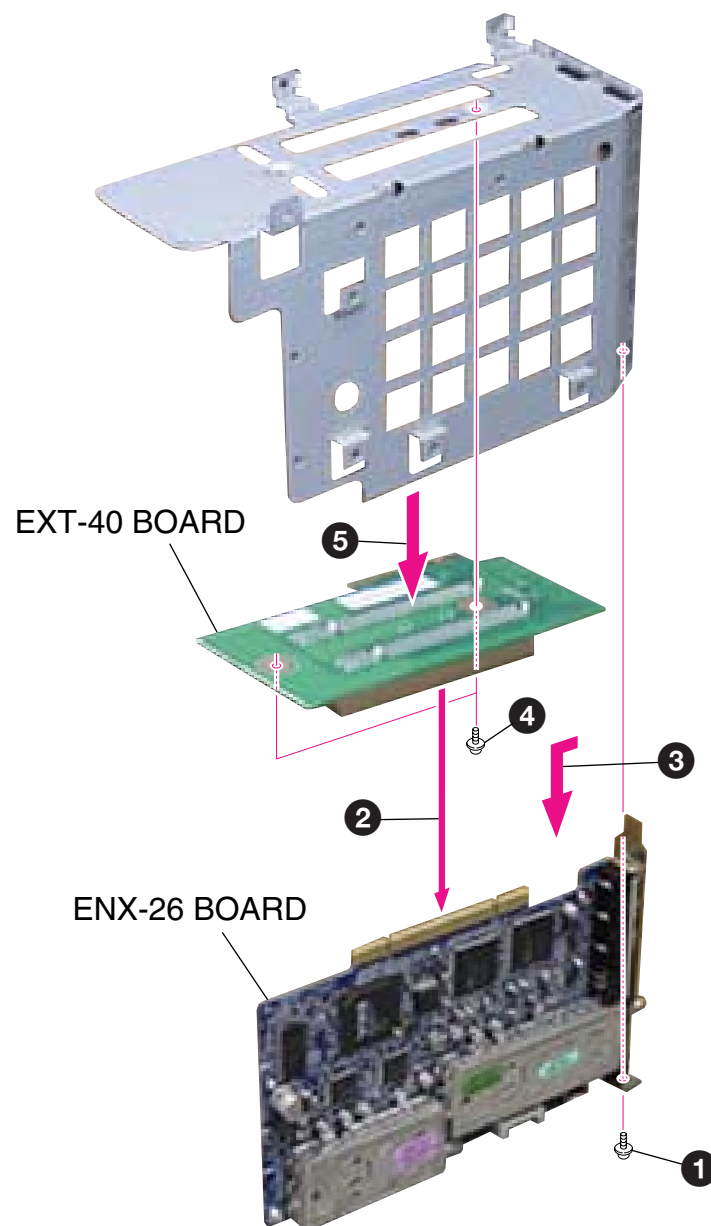


Ref. No. B3

- 2 Remove the RISER CHASSIS B ASSY.

# DISASSEMBLY

[To Flowchart](#)



## 22 ENX-26/EXT-40 BOARD

- 1 Remove one screw.



Ref. No. B7

- 2 Disconnect one connector.

- 3 Remove the ENX-26 BOARD in the direction of arrow.

- 4 Remove two screws.



Ref. No. B9

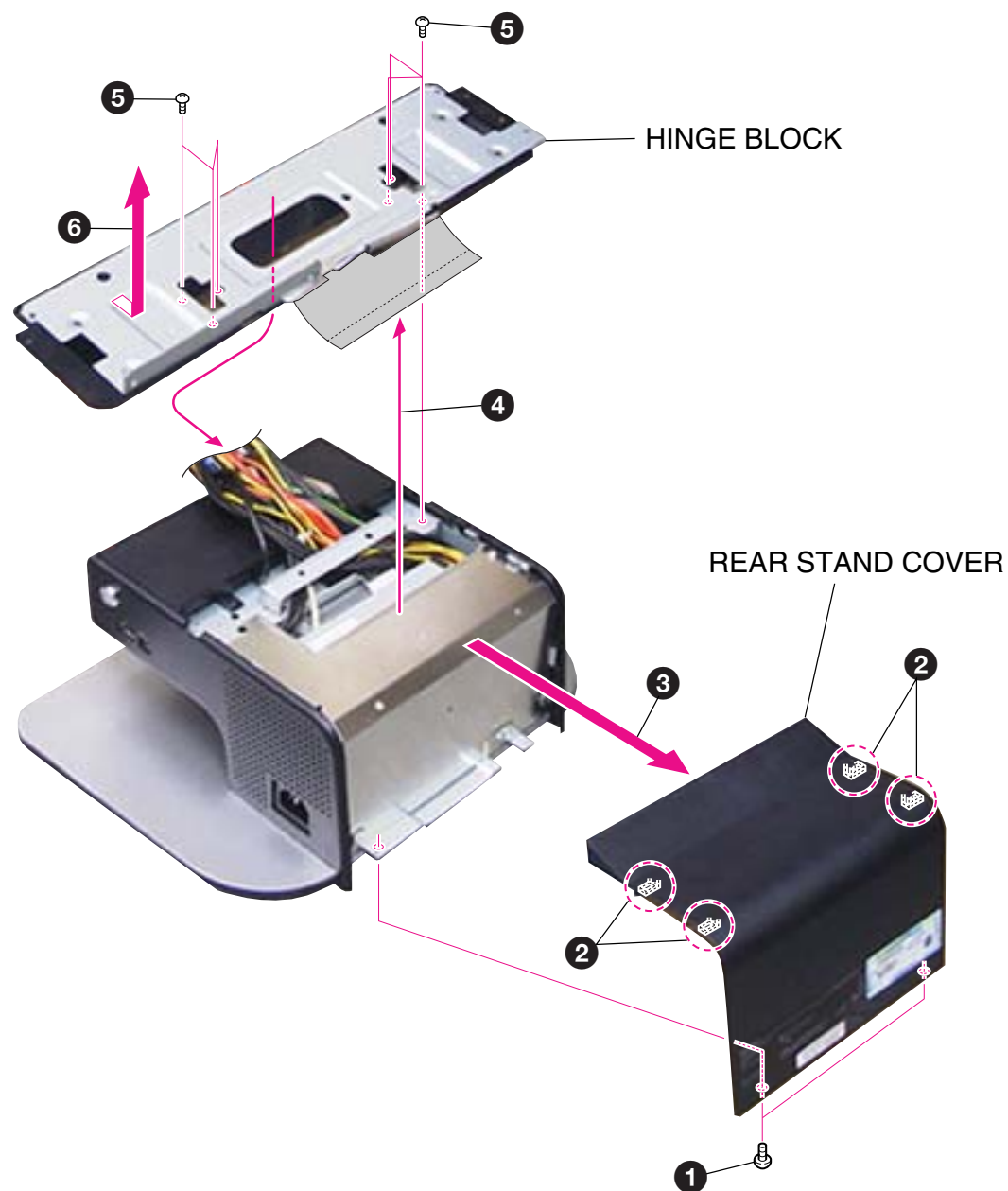
- 5 Remove the EXT-40 BOARD.

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# DISASSEMBLY

[To Flowchart](#)



1-24

## 23 HINGE BLOCK

- 1 Remove two screws.



Ref. No. B5

- 2 Unhook four hooks.

- 3 Remove the REAR STAND COVER.

- 4 Peel off the NI tape.

- 5 Remove six screws.



Ref. No. B2

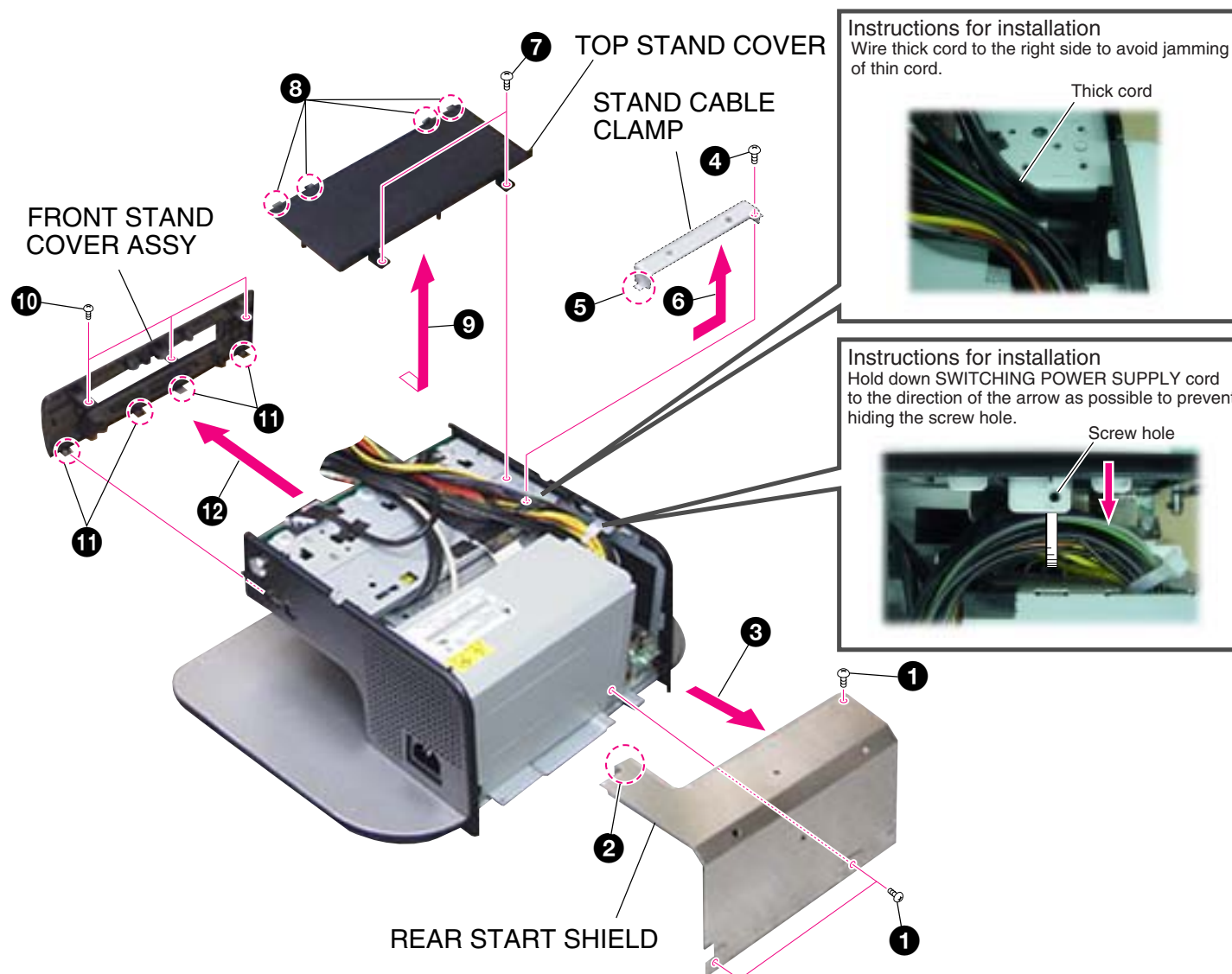
- 6 Remove the HINGE BLOCK in the direction of arrow.

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# DISASSEMBLY

[To Flowchart](#)



## 24 STAND COVER

- 1 Remove three screws.



Ref. No. B5

- 2 Unhook one hook.
- 3 Remove the REAR START SHIELD.
- 4 Remove one screw.



Ref. No. B3

- 5 Unhook one hook.
- 6 Remove the STAND CABLE CLAMP in the direction of arrow.
- 7 Remove two screws.



Ref. No. B5

- 8 Unhook four hooks.
- 9 Remove the TOP STAND COVER in the direction of arrow.
- 10 Remove three screws.



Ref. No. B5

- 11 Unhook four hooks.
- 12 Remove the FRONT STAND COVER ASSY.

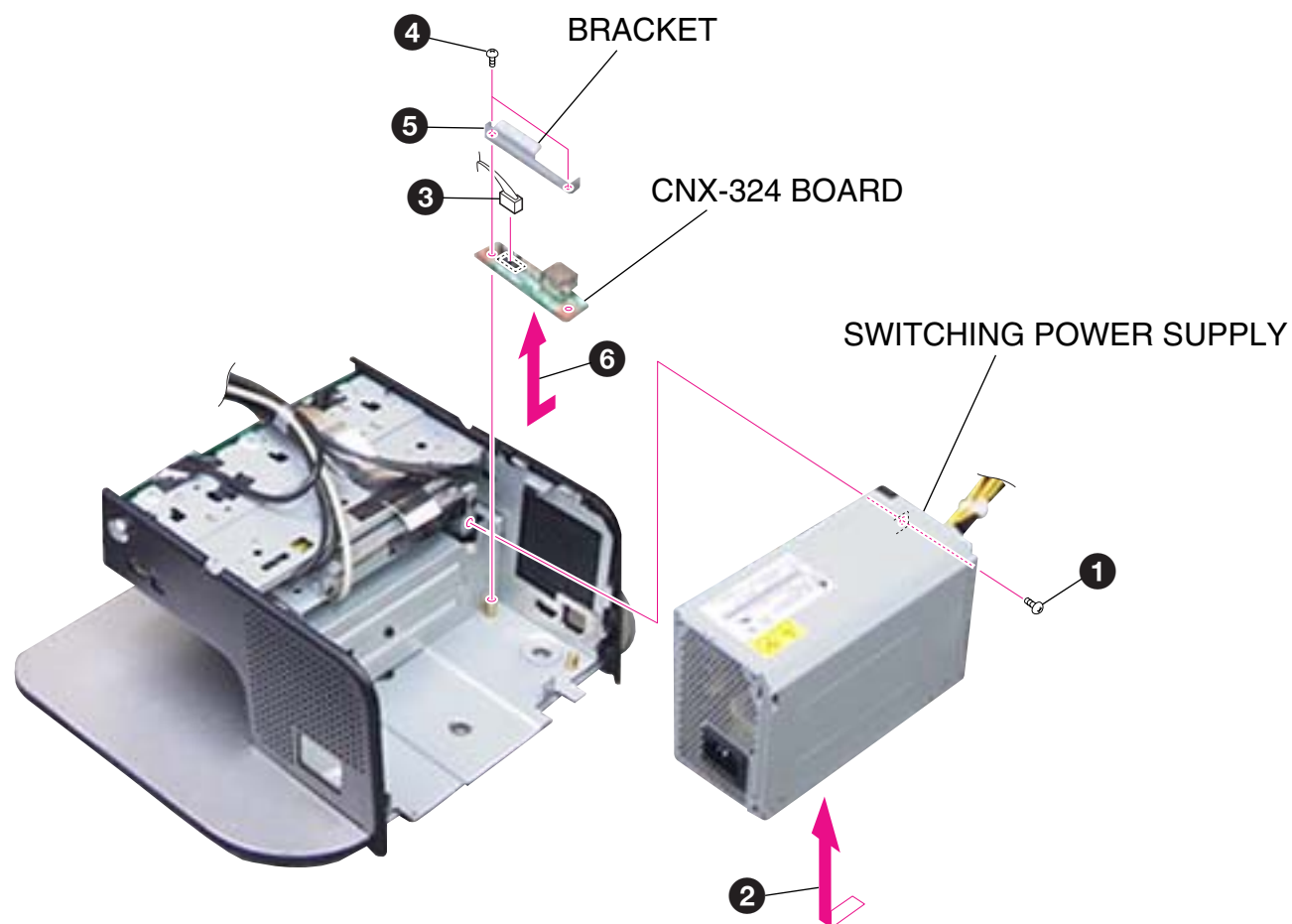
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# DISASSEMBLY

[To Flowchart](#)

## 25 SWITCHIG POWER SUPPLY, CNX-324 BOARD



- 1 Remove one screw.



Ref. No. B3

- 2 Remove the SWITCHING POWER SUPPLY in the direction of arrow.

- 3 Disconnect one connector.

- 4 Remove two screws.



Ref. No. B2

- 5 Remove the BRACKET.

- 6 Remove the CNX-324 BOARD in the direction of arrow.

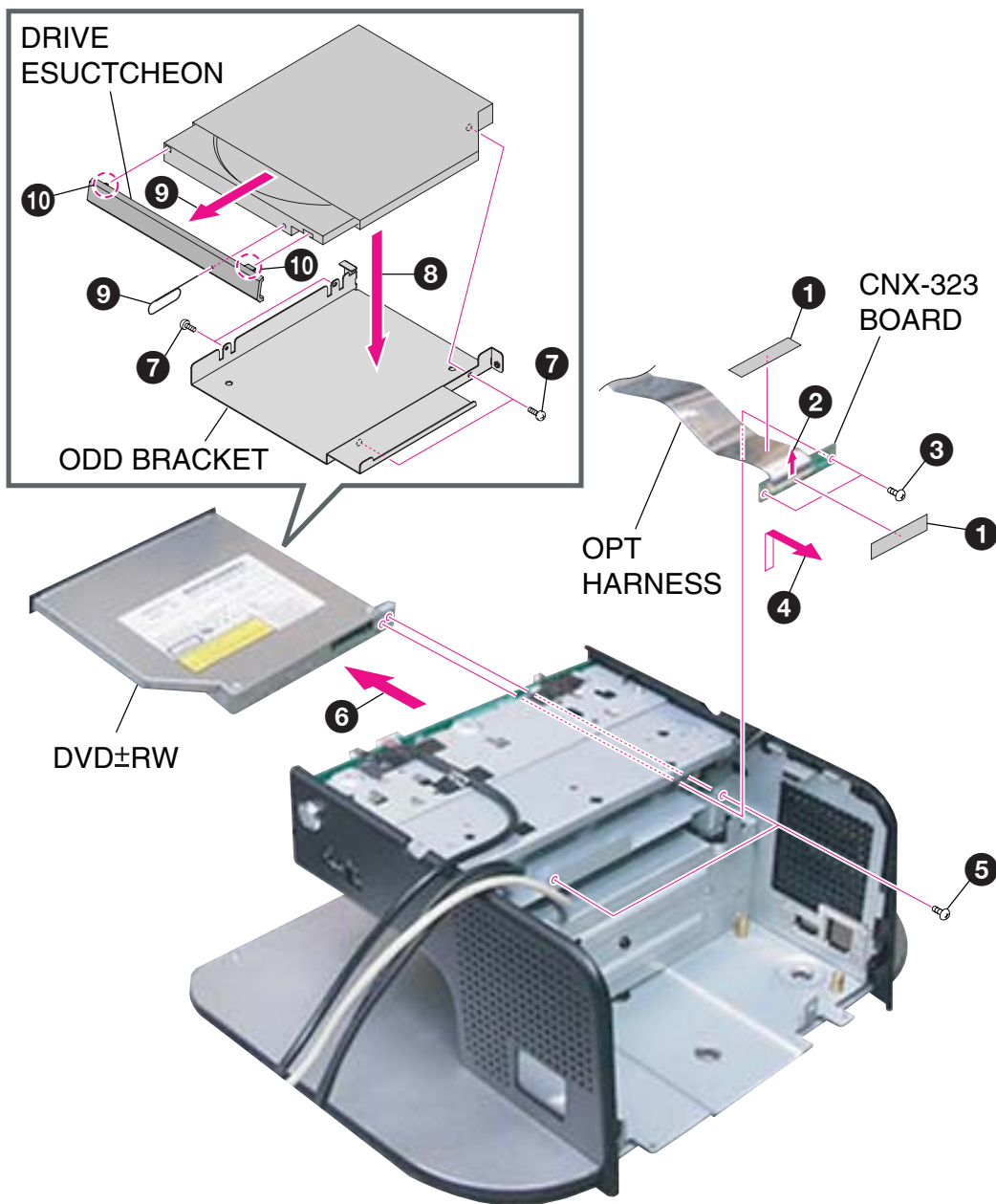
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# DISASSEMBLY

[To Flowchart](#)

## 26 CNX-323, DVD±RW BOARD



1 Remove two UL tapes.

2 Remove the OPT HARNESS.

3 Remove two screws.



Ref. No. B12

4 Remove the CNX-323 BOARD in the direction of arrow.

5 Remove two screws.



Ref. No. B5

6 Remove the DVD-SM.

7 Remove four screws.



Ref. No. B3

8 Remove the ODD BRACKET.

9 Insert the pin and pull out DVD.

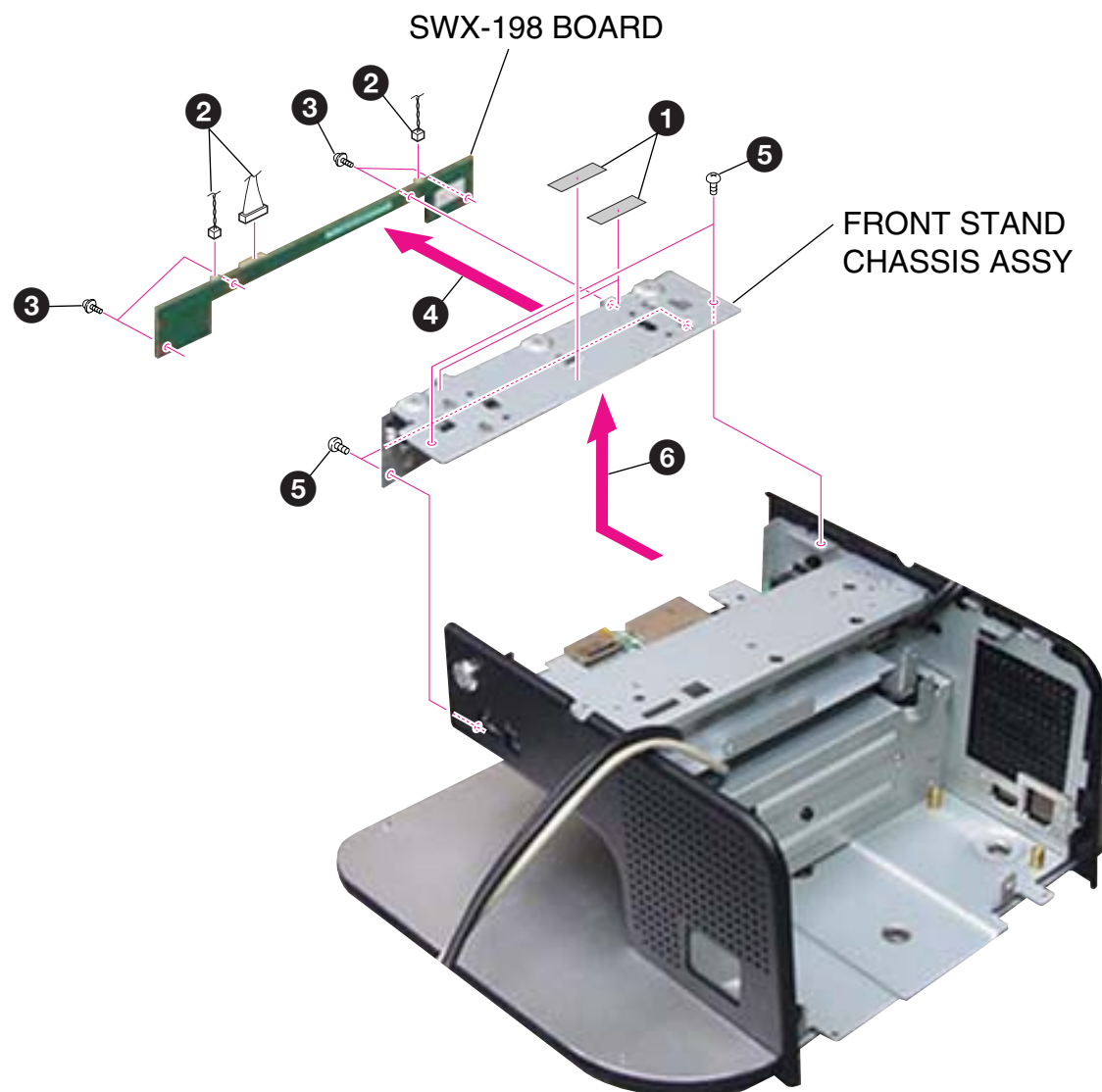
10 Unhook two hooks and remove DVD ESUCTCHEON.

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# DISASSEMBLY

[To Flowchart](#)



## 27 SWX-198 BOARD

- 1 Remove three UL tapes.
- 2 Disconnect three connectors.
- 3 Remove four screws.



Ref. No. B2

- 4 Remove the SWX-198 BOARD.
  - 5 Remove four screws.
- 6 Remove the FRONT STAND CHASSIS ASSY.



Ref. No. B3

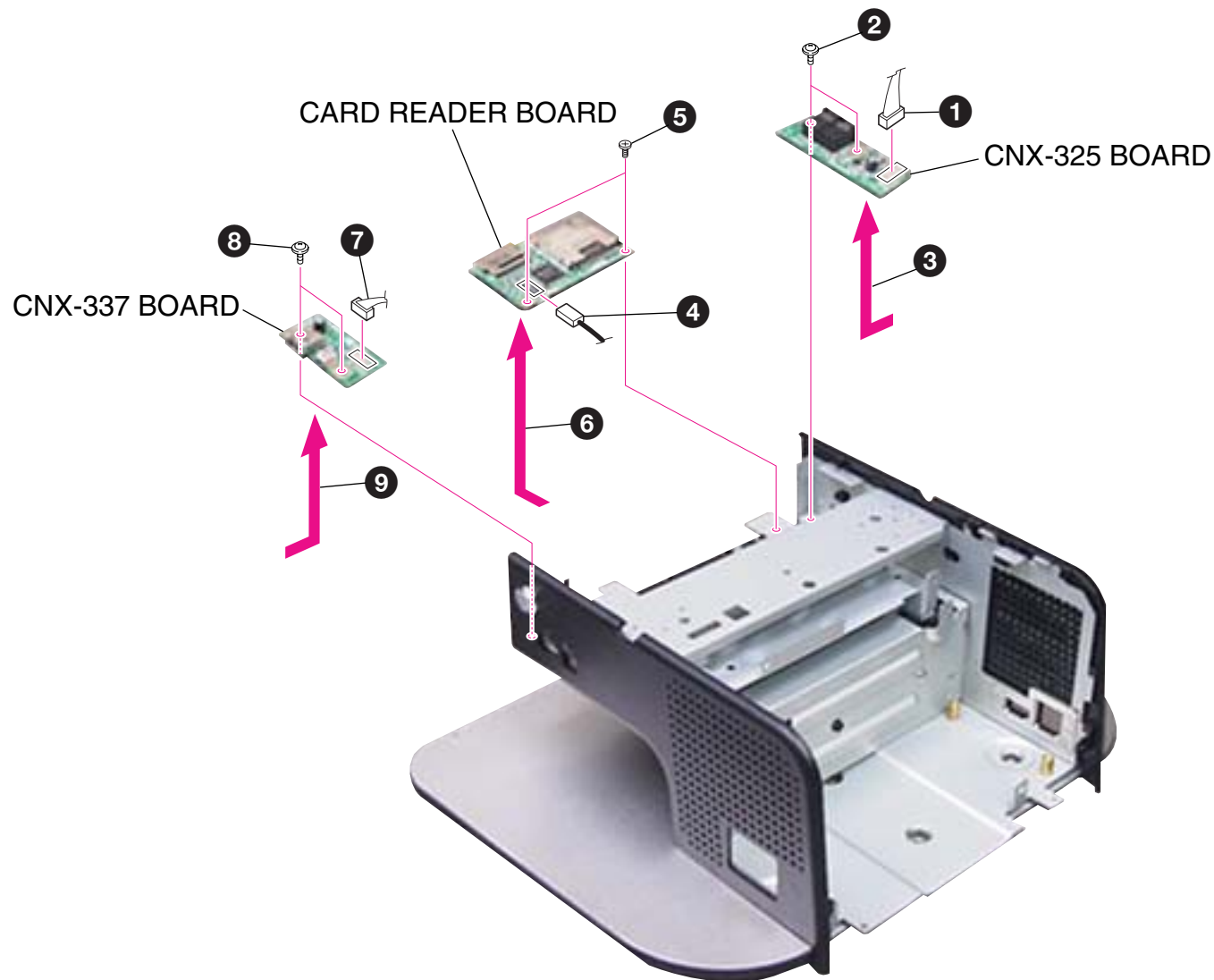
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# DISASSEMBLY

[To Flowchart](#)

## 28 CNX-325/CARD READER/CNX-337 BOARD



1 Disconnect one connector.

2 Remove two screws.



Ref. No. B2

3 Remove the CNX-325 BOARD in the direction of arrow.

4 Disconnect one connector.

5 Remove two screws.



Ref. No. B12

6 Remove the CARD READER BOARD in the direction of arrow.

7 Disconnect one connector.

8 Remove two screws.



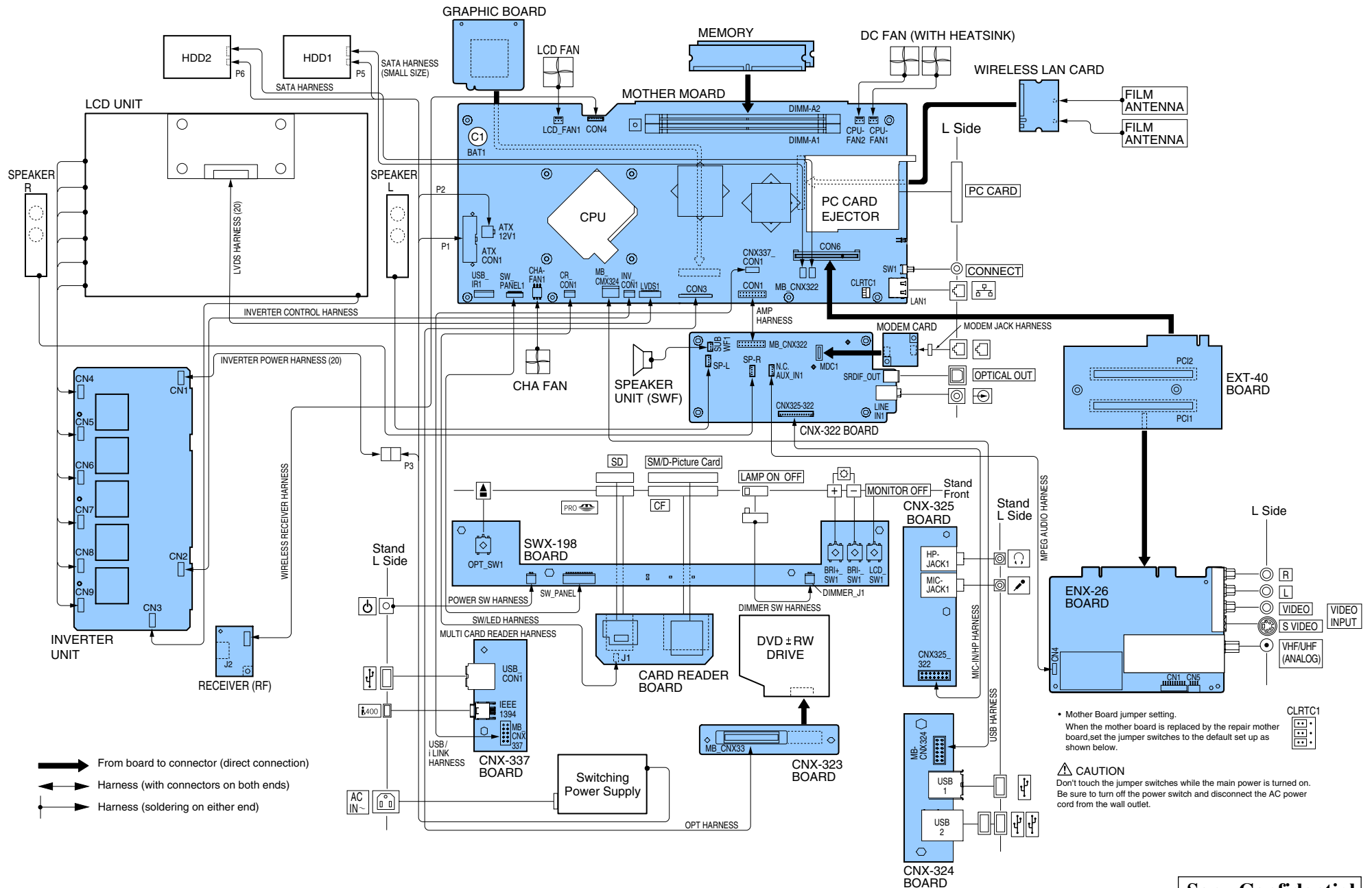
Ref. No. B2

9 Remove the CNX-337 BOARD in the direction of arrow.

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## CHAPTER 2. FRAME HARNESS DIAGRAM



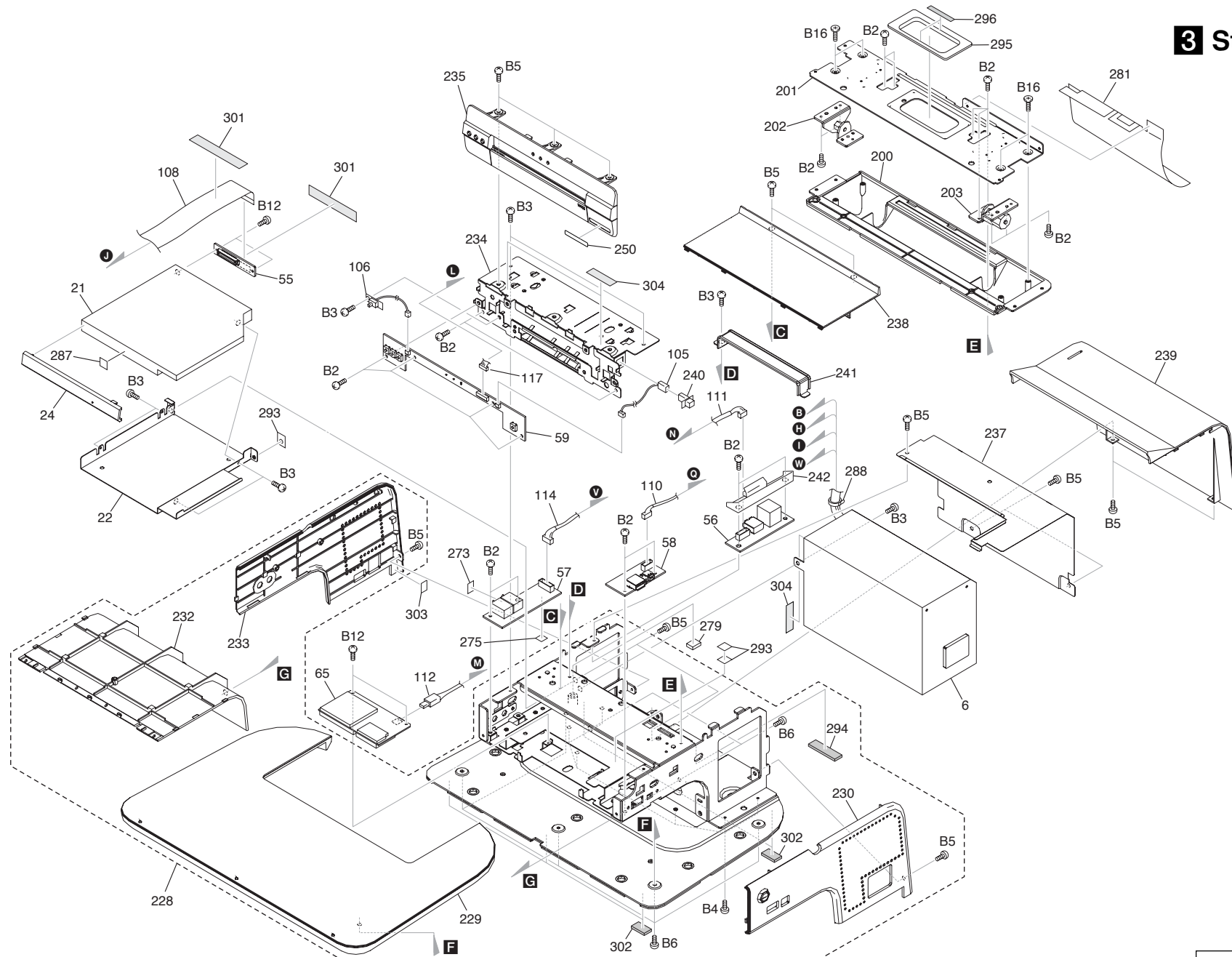
### 3-1. Exploded View

●1 Supplied with 246

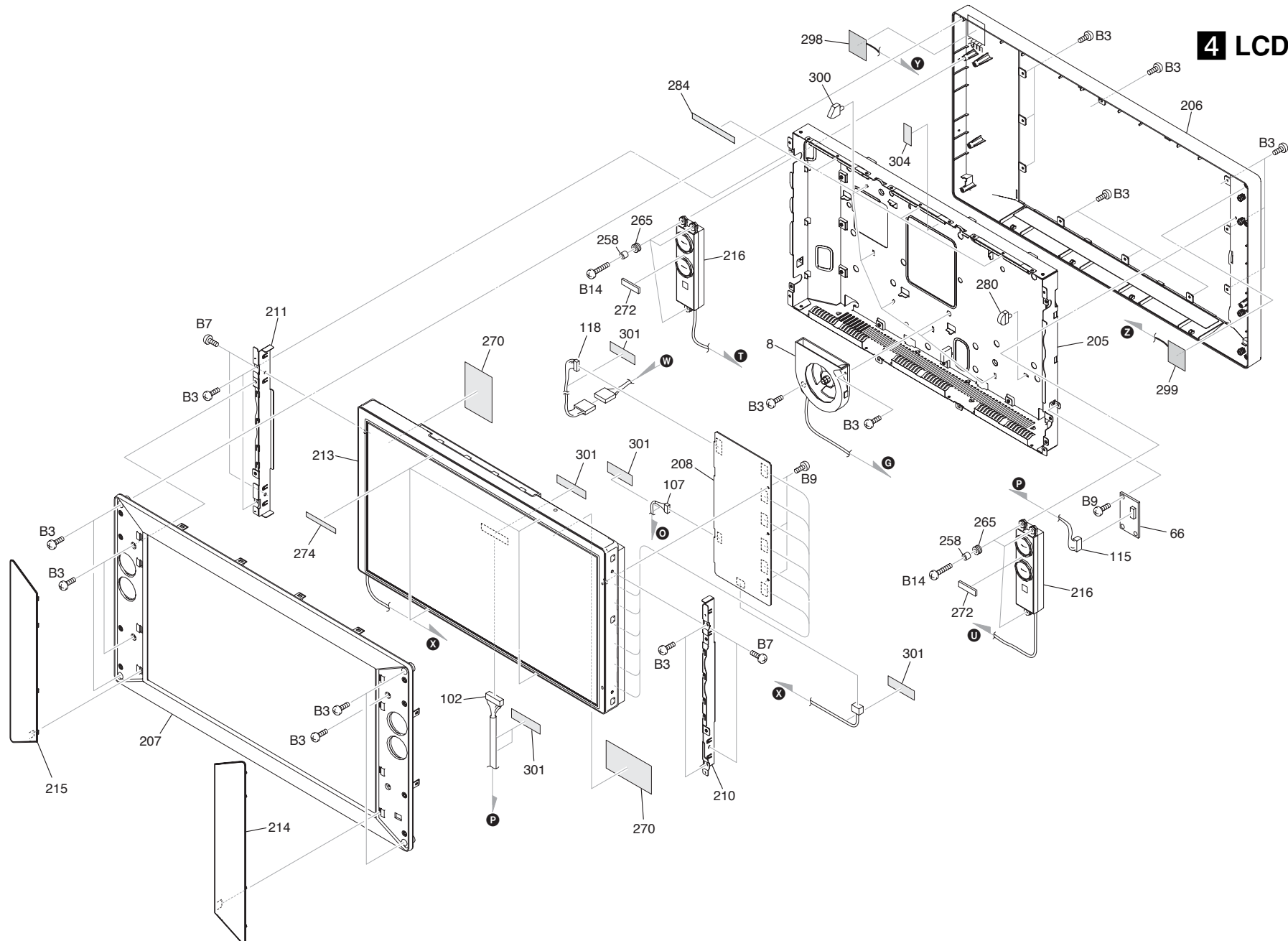
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●1 Supplied with 246 (P3-1)

### 3 Stand Section



## 4 LCD Section



## 5 Accessories

**900**  
Key Board



**920**  
Battery Cover

**901**  
Mouse



**903**  
Connection Cord (F TYPE RF)



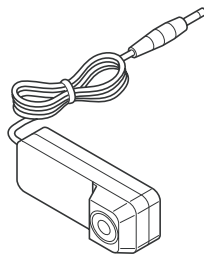
**907**  
Cable Holder



**913**  
AC Cord



**915**  
Video Controller



**916**  
IR Receiver



**917**  
Remote Commander (RM-MC10)



**919**  
Battery Cover

**918**  
Coaxial Conversion Connector



## 3-2. Parts List

### NOTE :

- The parts listed here are for service, and therefore they may be different from the parts shown in circuit diagrams or used in the set.
- # Parts/components that are available in the commercial market.
- The number of the mark “2” is the quantity at the time of preinstallment.

### Basic List

- The parts in the “Basic List” will be refer red to as the part list.  
The part order should be taken place based on the part number in the list.

### Substitution List

- If the repair part in the “Basic List” was not available, refer to order the “Substitution List” if available.

The components identified by mark  $\triangle$  or dotted line with mark  $\triangle$  are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque  $\triangle$  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

## Basic List

Ref. No.	Part No.	Description	2005Fall		Note
			VA10G	VA11G	
1	1-789-328-31	MOTHER BOARD	●	●	
2	6-708-141-01	CPU P4 3.0G(JM80547PG0802MMSL7Z9)	●		
	6-708-140-01	CPU P4 3.2G(JM80547PG0882MMSL7Z8)		●	
4	6-600-484-01	DDR 512 MB (MT8HTF6464AY-53EB3)	2	2	
$\triangle$ 6	1-468-950-11	SWITCHING POWER SUPPLY	●	●	
7	1-787-405-11	FAN, DC (WITH HEATSINK)	●	●	
8	1-787-406-11	FAN, DC (LCD FAN)	●	●	
9	1-787-410-11	DC FAN, CHASSIS	●	●	
11	A-1147-420-A	HDD(W-CVXL80-3/WD2500JS-98MHB0/250GB) ASSY(S)	●		1-797-340-11
	A-1147-441-A	HDD(S-AYUMA-S/ST3160023AS/160GB) ASSY(S)		2	1-797-341-11
21	1-797-366-11	DVD+-RW (DVR-K16VAS)	●	●	
22	2-649-689-01	ODD BRACKET	●	●	
24	2-649-693-01	DRIVE ESUCTCHEON	●	●	
51	1-789-361-11	GRAPHIC BOARD (VIF-47)	●	●	
53	1-789-311-11	EXT-40 BOARD	●	●	
54	1-789-312-11	CNX-322 BOARD	●	●	
55	1-789-313-11	CNX-323 BOARD	●	●	
56	1-789-314-11	CNX-324 BOARD	●	●	
57	1-789-315-11	CNX-325 BOARD	●	●	
58	1-789-318-11	CNX-337 BOARD	●	●	
59	1-789-319-11	SWX-198 BOARD	●	●	
$\triangle$ 60	1-789-326-11	CARD, MODEM (MDC)	●	●	
64	A-1133-281-A	ENX-26(US F) AS/W BRACKET ASSY	●	●	
65	1-789-330-11	BOARD, CARD READER	●	●	
66	1-479-424-12	RECEIVER(RF)	●	●	
100	1-964-088-11	SATA HARNESS		●	
101	1-964-173-11	SATA HARNESS (SMALL SIZE)	●	●	
102	1-964-083-11	LVDS HARNESS (20)	●	●	
105	1-964-175-11	POWER SW HARNESS	●	●	
106	1-964-177-11	DIMMER SW HARNESS	●	●	
107	1-964-084-11	INVERTER CONTROL HARNESS	●	●	
108	1-964-087-11	OPT HARNESS	●	●	
110	1-964-090-11	USB/ILINK HARNESS	●	●	

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Ref. No.	Part No.	Description	2005Fall		Note
			VA10G	VA11G	
111	1-964-091-11	USB HARNESS	●	●	
112	1-964-092-11	MULTI CARD READER HARNESS	●	●	
113	1-964-094-11	AMP HARNESS	●	●	
114	1-964-095-11	MIC-IN/HP HARNESS	●	●	
115	1-964-096-11	WIRELESS RECEIVER HARNESS	●	●	
116	1-964-097-11	MODEM JACK HARNESS	●	●	
117	1-964-134-11	SW/LED HARNESS	●	●	
118	1-964-086-11	INVERTER POWER HARNESS (20)	●	●	
119	1-964-093-11	MPEG AUDIO HARNESS	●	●	
200	X-2067-783-1	BOTTOM COVER ASSY	●	●	
201	2-636-739-02	BOTTOM CHASSIS	●	●	
202	2-650-118-01	HINGE (L)	●	●	
203	2-650-119-01	HINGE (R)	●	●	
205	X-2067-042-2	LCD CHASSIS ASSY(20)	●	●	
206	X-2067-840-2	LCD MIDDLE COVER(20) ASSY	●	●	
207	X-2067-777-1	LCD FRONT COVER (20) ASSY	●	●	
△ 208	1-479-471-11	INVERTER UNIT (12LAMPS)	●	●	
210	2-639-949-01	LCD BRACKET R(20)	●	●	
211	2-639-950-01	LCD BRACKET 20 (L)	●	●	
213	.A-1156-671-A	LCD UNIT (20TFT-WXGA) ASSY (S)	●	●	1-479-472-11
# 214	X-2067-780-1	SPEAKER GRILL (20) R ASSY	●	●	
# 215	X-2067-782-1	SPEAKER GRILL (20) L ASSY	●	●	
216	1-826-225-11	SPEAKER UNIT	●	●	
217	1-826-226-11	SPEAKER UNIT (SWF)	●	●	
219	X-2067-784-1	IO PANEL ASSY	●	●	
220	2-639-998-01	PCI HOLDER (DEIGO)	●	●	
222	2-651-311-11	PCI SLOT COVER	●	●	
228	A-1138-468-B	MAIN STAND ASSY	●	●	
229	X-2067-733-1	STAND PLATE COVER ASSY	●	●	
230	X-2067-735-2	RIGHT STAND COVER ASSY	●	●	
232	2-649-670-01	BOTTOM STAND COVER	●	●	
233	2-649-674-01	LEFT STAND COVER	●	●	
234	X-2067-736-1	FRONT STAND CHASSIS ASSY	●	●	
235	X-2067-737-2	FRONT STAND COVER ASSY	●	●	
237	2-649-690-01	REAR STAND SHIELD	●	●	
238	2-649-691-01	TOP STAND COVER	●	●	
239	2-649-692-01	REAR STAND COVER	●	●	

Ref. No.	Part No.	Description	2005Fall		Note
			VA10G	VA11G	
240	2-651-858-01	SW HOLDER	●	●	
241	2-659-023-01	STAND CABLE CLAMP	●	●	
242	2-659-901-01	USB SUPPORT BRACKET	●	●	
244	2-660-339-01	PROTECTSHEET(MAINCHASSIS)	●	●	
245	2-660-600-01	GASCKET (10.5-10)	●	●	
246	A-1144-044-C	CHASSISASSY	●	●	
249	2-659-659-01	SLOT LABEL(AOI)	●	●	
250	2-651-809-01	LABEL, ID	●	●	
	2-651-809-11	LABEL, ID		●	
251	2-651-812-01	LABEL, I/O	●	●	
253	4-654-836-01	LABEL (ETHER), CAUTION	●	●	
254	X-2067-593-1	RISER CHASSIS A ASSY	●	●	
255	X-2067-890-1	RISER CHASSIS B ASSY	●	●	
256	X-2067-775-2	MEMORY COVER ASSY	●	●	
258	2-345-280-01	SATELLITE SHAFT	●	●	
259	2-594-899-01	BRKT, RJ11	●	●	
260	2-636-732-01	FAN HOLDER	●	●	
261	2-636-734-01	MAIN SHIELD (BOTTOM)	●	●	
262	2-636-735-01	MEMORY SHIELD	●	●	
263	2-636-740-01	REAR COVER (TOP)	●	●	
264	2-636-744-01	REAR COVER (LOW)	●	●	
265	2-650-121-01	SPEAKER CUSHION	●	●	
266	2-653-257-01	MB SPACER	●	●	
267	2-653-258-01	PRTSHEET (HDD BRKT)	●	●	
268	2-659-899-01	HARNESS CLAMP	●	●	
269	2-662-024-01	THERMAL PAD	●	●	
270	2-661-086-01	BLIND SHEET(LCD)	●	●	
271	2-659-900-21	CUSHION, ANTIVIBRATION	●	●	
272	2-659-900-61	CUSHION, ANTIVIBRATION	●	●	
273	2-661-085-01	BLIND SHEET(AUDIO)	●	●	
274	2-661-708-01	SPACER(LCD)	●	●	
275	2-661-709-01	SPACER(CONBD)	●	●	
276	2-661-710-01	ADHESIVETAPE	●	●	
277	2-661-825-01	NI TAPE	●	●	
278	2-661-825-11	NI TAPE	●	●	

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VGC-VA Series (AM)

Ref. No.	Part No.	Description	2005Fall		Note
			VA10G	VA11G	
279	2-662-023-01	CUSHION(PS CABLE)	●	●	
280	2-662-027-01	CABLECRAMP(LCD)	●	●	
281	2-660-338-01	NI-TAPE(MAIN-STAND)	●	●	
282	2-659-900-01	CUSHION, ANTIVIBRATION	●	●	
283	2-659-900-11	CUSHION, ANTIVIBRATION	●	●	
284	2-659-900-32	CUSHION, ANTIVIBRATION	●	●	
285	2-659-900-41	CUSHION, ANTIVIBRATION	●	●	
286	2-659-900-51	CUSHION, ANTIVIBRATION	●	●	
287	2-663-702-01	SHEET(ODD LED)	●	●	
288	2-654-906-01	CABLE TIE	●	●	
290	1-789-014-11	CARD,WIRELESS LAN	●	●	
293	2-663-970-01	ODD BRACKET SPACER	●	●	
# 294	2-663-274-01	STAND FOOT L	●	●	
295	2-658-914-01	CABLECOVER(BOTTOM)	●	●	
296	2-665-687-01	ADHESIVE TAPE(CABLEPROTECTOR)	●	●	
297	2-661-825-21	NI TAPE	●	●	
298	1-754-354-31	ANTENNA, FILM	●	●	
299	1-754-354-41	ANTENNA, FILM	●	●	
300	2-653-593-01	CLAMP	●	●	
301	2-348-725-01	TAPE, UL [19X45]	●	●	
# 302	2-649-659-01	STAND PLATE FOOT	●	●	
303	2-666-953-01	LEFT STAND COVER SPACER	●	●	
304	2-348-725-01	TAPE, UL [19X35]	●	●	
305	2-348-725-01	TAPE, UL [19X25]	●	●	
B1	2-632-922-01	COSMETIC FLAT SCREW 3X5	●	●	
B2	4-679-053-01	SCREW,+PS3X6	●	●	
B3	2-345-219-01	+B IB 3X— CM3	●	●	
B4	7-682-545-09	SCREW +B 3X4	●	●	
B5	7-682-547-09	SCREW +B 3X6	●	●	
B6	7-685-546-14	SCREW +BTP 3X8 TYPE2 N-S	●	●	
B7	2-067-018-01	+PS4X6	●	●	
B8	3-251-487-11	SCREW (M1.7X4), GROUND POINT	●	●	
B9	7-682-947-01	SCREW +PSW 3X6	●	●	
B10	4-645-944-22	SCREW (SW) (NO.6-32UNC)	●	●	
B11	4-671-538-01	SCREW(M2X4), SPECIAL HEAD	●	●	
B12	7-621-772-18	SCREW +B 2X4	●	●	
B13	7-682-550-09	SCREW +B 3X12	●	●	

Ref. No.	Part No.	Description	2005Fall		Note
			VA10G	VA11G	
B14	7-682-649-01	SCREW +PS 3X10	●	●	
B16	4-654-811-01	SCREW M3	●	●	
C1	1-528-174-31	BATTERY, LITHIUM (CR2032 TYPE)	●	●	
C3	7-300-000-40	SILICON COMPOUND (G-765) 90G	●	●	

## Accessories & Packing Materials List

Ref. No.	Part No.	Description	2005Fall		Note
			VA10G	VA11G	
# 900	1-479-420-12	KEYBOARD	●	●	
# 901	1-797-022-41	MOUSE	●	●	
# 903	1-827-426-21	CORD, CONNECTION (F TYPE RF)	●	●	
# 907	2-649-694-01	CABLE HOLDER	●	●	
△ # 913	1-827-445-11	CORD, AC	●	●	
# 915	1-417-421-21	CONTROLLER, VIDEO	●	●	
# 916	1-478-297-33	IR RECEIVER	●	●	
# 917	1-479-087-11	REMOTE COMMANDER (RM-MC10)	●	●	
# 918	1-819-892-11	CONNECTOR, COAXIAL CONVERSION	●	●	
# 919	9-885-076-62	BAT COVER	●	●	
# 920	9-885-098-53	BATTERY COVER	●	●	

## Substitution List

Ref. No.	Part No.	Description	2005Fall		Note
			VA10G	VA11G	
4	6-600-451-01	DDR 512 MB (HYMP564U64P8-C4)	2	2	
	6-600-458-01	DDR 512 MB (EBE51UD8AEFA-5C-E)	2	2	
11	A-1147-418-A	HDD(M-SBR-S/7L250S0/250GB) ASSY(S)	●		1-797-087-21
	A-1126-698-A	HDD(S-TONKA/ST3250823AS/250GB) ASSY (S)	●		1-797-196-11
	A-1147-419-A	HDD(SA-P120-S/SP2504C/250GB) ASSY(S)	●		1-797-324-11
	A-1147-438-A	HDD(M-SBR-S/6L160M0/160GB) ASSY(S)		2	1-797-255-21
21	A-1147-440-A	HDD(W-CVXL80-3/WD1600JS-98MHB0/160GB) ASSY(S)		2	1-797-338-11
	1-797-271-31	UJ840 (DVD+-RW,12.7MM)	●	●	

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## Revision History

Suffix	Ver.	Date	Contents	QM No.
-01	Ver. 1	2005.10.27	First Edition	